

# MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

MARCH 1967

Entries 4079-5610

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# **MONTHLY CATALOG**



**OF UNITED STATES  
GOVERNMENT PUBLICATIONS**

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**MARCH 1967**

**Number 866**

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**Entries 4079-5610**

**Issued by the SUPERINTENDENT OF DOCUMENTS**

**UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1967**



# MONTHLY CATALOG

OF UNITED STATES

GOVERNMENT PUBLICATIONS

Number 888

MARCH 1967

L.C. Card 4-18088

Entries 4079-5210

1

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## PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

- Admiral's House and Chiefs of Naval Operations. (Naval Operations Office.) 35c. ● D 207.10/2: Ad 6/966
- Analysis of acquifer tests in Punjab Region of West Pakistan. (Geological Survey, Water-supply paper 1608-G.) 55c. ● I 19.13: 1608-G
- 80th annual report of Interstate Commerce Commission, fiscal year 1966. [Also issued as H. doc. 12, 90th Cong. 1st sess.] \$1.75. ● IC 1.1: 966
- 54th annual report of Secretary of Labor, fiscal year 1966. (Labor Department.) 60c. ● L 1.1: 966
- Area handbook for Thailand. (Army Department, Pamphlet 550-53.) \$2.50. ● D 101.22: 550-53
- Bibliography on flame spectroscopy, analytical applications, 1800 to 1966. (National Bureau of Standards, Miscellaneous publication 281.) \$2.00. ● C 13.10: 281
- Booker T. Washington National Monument, Virginia. [Revised 1967.] (National Park Service.) 10c. ● I 29.21: B 64/967
- Cenozoic pectinids of Alaska and related regions. (Geological Survey, Professional paper 553.) \$1.00. ● I 19.16: 553
- Child abuse reporting laws, tabular view. (Children's Bureau.) 30c. ● FS 14.102: Ab 9
- Citrus fruits, production use and value, 1909-10 to 1964-65. (Agriculture Department, Statistical bulletin 380.) 60c. ● A 1.34: 380
- Cockroaches, how to control them. (Agriculture Department, Leaflet 430, revised.) 5c. ● A 1.35: 430/5
- Controlling greater wax moth, pest of honeycombs. (Agriculture Department, Farmers' bulletin 2217, revised.) 10c. ● A 1.9: 2217/2
- Cumulative index-digest, economic cases of Civil Aeronautics Board, June 1955-Apr. 1960. (Civil Aeronautics Board.) \$4.75. ● C 31.21/3: 955-60
- Distribution of minor elements in some coals in western and southwestern regions of the interior coal province. (Geological Survey, Bulletin 1117-D.) 50c. ● I 19.3: 1117-D
- Earth photographs from Gemini III, IV, and V. (National Aeronautics and Space Administration, NASA SP-129.) \$7.00. ● NAS 1.21: 129
- Federal Communications Commission, 32d annual report, fiscal year 1966. 50c. ● CC 1.1: 966
- Grass seed production and harvest in the Great Plains. (Agriculture Department, Farmers' bulletin 2226.) 15c. ● A 1.9: 2226
- Growing cherries east of the Rocky Mountains. (Agriculture Department, Farmers' bulletin 2185, revised.) 15c. ● A 1.9: 2185/2
- Growing parsnips. (Agriculture Department, Leaflet 545.) 5c. ● A 1.35: 545
- Handbook, Office of Education, including career opportunities. (Education Office, OE-11002-B.) 50c. ● FS 5.211: 11002-B
- Industry wage survey, communications, 1965. (Labor Statistics Bureau, Bulletin 1521.) 20c. ● L 2.3: 1521
- Let's cook fish. (Fish and Wildlife Service, Fishery market development series 8.) 60c. ● I 49.49/2: 8

**Mineral resources of Devil Canyon-Bear Canyon Primitive area, Los Angeles County, California.** (Geological Survey, Bulletin 1230-G.) 55c. ●

I 19.3: 1230-G

**Physical and chemical description of Birch Creek, travertine depositing stream, Inyo County, California.** (Geological Survey, Professional paper 549-A.) 55c. ●

I 19.16: 549-A

**Protecting honey bees from pesticides.** (Agriculture Department, Leaflet 544.) 5c. ●

A 1.35: 544

**Rainbow Bridge National Monument, Utah.** [Revised 1967.] (National Park Service.) 10c. ●

I 29.21: R 13/2/966-2

**Reports of Tax Court, vol. 46, April 1-September 30, 1966.** (Tax Court.) \$3.50. ●

Ju 11.7: 46

**Selection of wood products for home and farm building.** (Agriculture Department, Agriculture information bulletin 311.) 35c. ●

A 1.75: 311

**Space, the new frontier.** [Revised 1966.] (National Aeronautics and Space Administration, NASA EP-6.) 75c. ●

NAS 1.19: 6/3

**Starting and managing a small automatic vending business.** (Small Business Administration, Starting and managing series, vol. 13.) 30c. ●

SBA 1.15: 13

**The third wave, 1966.** (Interior Department, Conservation yearbook, 3.) \$2.00. ●

I 1.95: 3

**United States Government Printing Office style manual.** [Revised 1966.] (Government Printing Office.) \$3.00. ●

GP 1.2: St 9/18/966

**What are public lands?** (Land Management Bureau, Information bulletin 1, revised.) 5c. ●

I 53.9: 1/3

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## Abbreviations

add.....	addition, addendum, addenda.	n. d.....	no date.
amdt., amdts.....	amendment, amendments.	a. p.....	no place.
app.....	appendix, appendixes.	no., nos.....	number, numbers.
bk., bks.....	book, books.	p.....	page, pages.
chap.....	chapter, chapters.	p. of pl.....	pages of plates.
Cong.....	Congress.	par., pars.....	paragraph, paragraphs.
Dept.....	Department.	pl.....	plate, plates.
doc.....	document.	por.....	portrait, portraits.
facsim.....	facsimile, facsimiles.	pt., pts.....	part, parts.
fy.....	fiscal year.	rp.....	report.
G.H.A.....	Greenwich hour angle.	S.....	Senate, Senate bill.
H.....	House.	S. Con. Res.....	Senate concurrent resolution.
H. Con. Res.....	House concurrent resolution.	S. doc.....	Senate document.
H. doc.....	House document.	S. ex. doc.....	Senate executive document.
H. ex. doc.....	House executive document.	S. ex. rp.....	Senate executive report.
H. J. Res.....	House joint resolution.	S. J. Res.....	Senate joint resolution.
H.R.....	House of Representatives, House bill.	S. Res.....	Senate resolution.
H. Res.....	House resolution.	S. rp.....	Senate report.
H. rp.....	House report.	sec.....	section, sections.
il.....	illustration, illustrations.	sess.....	session, sessions.
in.....	inch, inches.	Stat. L.....	Statutes at large.
lat.....	latitude.	supp.....	supplement.
long.....	longitude.	tab.....	table, tables.
m.....	mile.	Treas.....	Treasury.
		v.....	volume, volumes.
		vs., v.....	versus.

Common abbreviations for the names of States, months, etc., are also used.  
An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

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# New Classification Numbers

A 43.39: CT-----	Federal Extension Service. Note to agents (series).
A 88.6/5: nos-----	Consumer and Marketing Service. USDA-C&MS visual aids (series).
C 13.20/2: nos-----	National Bureau of Standards. Product standards.
C 21.3/2: nos-----	Patent Office. Classification definitions. NOTE.—Formerly entitled Classification bulletins, C 21.3: (nos.).
C 52.13: nos-----	Environmental Science Services Administration. Monographs.
CR 1.11: CT-----	Civil Rights Commission. Urban studies.
FS 2.85/4: v.nos.& nos-----	Public Health Service. Life tables (bound volumes).
FS 13.128: v.nos.& nos-----	Food and Drug Administration. FDA papers (monthly).
I 28.110: date-----	Mines Bureau. Shipments of asphalt (annual).
L 16.50/2: nos-----	Labor Standards Bureau. Labor law series.
NAS 1.20/2: nos-----	National Aeronautics and Space Administration. AEC-NASA tech briefs.
PrEx 10.18: date-----	Economic Opportunity Office. Annual report of legal services program of Office of Economic Opportunity to American Bar Association.
Y 3.W 29: 3-6 Reserved	Water Resources Council.
Y 3.W 29: 7-----	Press releases.

## Corrections for Previous Monthly Catalogs

- July 1964. Entry 11959, Preliminary report, Prince William Sound, Alaska earthquakes. Correct class to read C 4.2: P 93/prelim.
- Oct. 1965. Entry 16351, Guide to prospective operators, mobile trade fairs. Correct class to read C 42.6/2: F 16/965.
- Mar. 1966. Entry 4141, Summary of activities of Committee on Judiciary, 89th Congress, 1st session. Correct class to read Y 4.J 98/1: Ac 8/965.
- Entry 4496, Report to Congress of United States: Examination of financial statements, fiscal year 1965, Veterans Canteen Service, Veterans Administration. Correct class to read: GA 1.13: V 64/13/965.
- Jan. 1967. Entry 14, Index-catalogue of medical and veterinary zoology: supp. 16, Authors A-Z. On last line of entry add 32-796 following L.C. card Agr.
- Entry 739, Election reform act of 1966, hearings. Correct class to read Y 4.H 81/3: El 2/3.



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# Monthly Catalog

NO. 866 • MARCH 1967

## ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS, WASHINGTON, D.C. 20575

- 4079 Tax overlapping in United States, selected tables updated, supplement to report M-23. Jan. 1, 1967. [5]+66 p. 4° • Paper, 40c. • Item 1049-D  
L.C. card 64-62640 Y 3.Ad 9/8: 2 T 19/2/964/supp.

## ADVISORY COMMISSION ON INTERNATIONAL EDUCATIONAL AND CULTURAL AFFAIRS, Washington, D.C. 20520

- 4080 International educational and cultural exchange, summer 1966 [articles with bibliography]. [1966.] cover title, 68 p. † Y 3.Ad 9/9: 9/966-3  
4081 — fall 1966 [articles]. 1966. cover title, 60 p. ll. † Y 3.Ad 9/9: 9/966-4

## AGING ADMINISTRATION, Health, Education, and Welfare Dept. Washington, D.C. 20201

Patterns for progress in aging, case study.

- 4082 17. Rural county cares for its aging, story of Aitkin County, Minn.; by Ada Barnett Stough. 1964, revised 1967. [1967.] iv+24 p. ll. (AaA 187.)  
• Paper, 15c. • Item 445-E  
L.C. card HEW 66-167 FS 15.11: 17

## AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, D.C. 20250

ARS (series). † A 77.15: (nos.)

- 4083 33-116. Ultrasonic speaker for studies of acoustic sensitivity of tympenate moths; by H. R. Agee and J. C. Webb. Dec. 1966. 7 p. ll. 4° [Prepared in cooperation with South Carolina Agricultural Experiment Station.]  
L.C. card Agr 67-82  
4084 34-82. Crops research: Results of 1965 regional cotton variety tests by co-operating agricultural experiment stations; [prepared in Cotton and Cordage Fibers Research Branch, Crops Research Division]. Dec. 1966. cover title, [21]+75 p. ll. 4° [Page 75 on inside of back cover.]  
4085 44-70-7. 1966 report of egg production tests, United States and Canada, random sample egg production tests, 2 year combined summary, 1964-65 and 1965-66 range group rankings, 1965-66. Dec. 1966. cover title, 51 p. 4° • Item 25-B  
L.C. card 60-64571  
4086 81-13. Monitoring agricultural pesticide residues, preliminary report of studies on soil, sediment, and water in Mississippi River Delta. Dec. 1966. cover title, 53 p. ll. 4° ([Plant Pest Control Division.]) [Contents on p. 2 of cover. Page 53, last page of text, appears on p. 3 of cover.] • Item 25-B  
L.C. card Agr 67-92  
4087 Check list of summaries of plant quarantine import requirements of foreign countries. Jan. 1967. 2 p. (853, Appendix A.) [Issued with perforations.] † A 77.329: list/967  
Conservation research report. • Item 25-D  
4088 10. Moisture conservation for wheat production in upper Snake River dryfarming area; [by T. W. Massee and others]. [Nov. 1966.] [2]+21 p. ll. [Prepared in cooperation with Idaho Agricultural Experiment Station.] †  
L.C. card Agr 67-93 A 77.23: 10

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# GOVERNMENT PUBLICATIONS

- 4089 Plant quarantine import requirements of South Africa. Dec. 16, 1966. 31 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes PQ 471, 2d revision, Feb. 8, 1957, and that part of TM, Mar. 17, 1965, which pertains to South Africa.] † A 77.329: So 87 af

## AGRICULTURE DEPARTMENT Washington, D.C. 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

- 4090 Address by John A. Schnittker, Under Secretary of Agriculture before National Association of Wheat Growers, Jan. 12, 1967, Seattle, Wash. [1967.] 16 p. 4° (3797; USDA 107-67.) † A 1.40: Sch 5/16
- 4091 Address by Secretary of Agriculture Orville L. Freeman at Agricultural Banquet, 100th annual session of National Grange, Minneapolis, Minn., Nov. 19, 1966. [1966.] 12 p. 4° (3377; USDA 3705-66.) † A 1.40: F 87/266
- 4092 Address by Secretary of Agriculture Orville L. Freeman at annual meeting of Cotton Producers Association, Atlanta, Ga., Nov. 21, 1966. [1966.] 13 p. 4° (3378; USDA 3706-66.) † A 1.40: F 87/267
- 4093 Address by Secretary of Agriculture Orville L. Freeman at 86th annual meeting of Hawaiian Sugar Planters Association, Honolulu, Hawaii, Dec. 6, 1966. [1966.] 17 p. 4° (3443; USDA 3787-66.) † A 1.40: F 87/268
- 4094 Address by Secretary of Agriculture Orville L. Freeman at 44th annual National Agricultural Outlook Conference, Jefferson Memorial Auditorium, USDA, Washington, D.C., Nov. 14, 1966. [1966.] 14 p. 4° (3316; USDA 3618-66.) † A 1.40: F 87/264
- 4095 Address of John A. Baker, Assistant Secretary of Agriculture at annual convention of Minnesota Farmers Union, St. Paul, Minn., Dec. 6, 1966. [1966.] 13 p. 4° (3474; USDA 3829-66.) † A 1.40: B 17/30
- Agriculture handbooks. ● Item 3 A 1.76: (nos.)
- 4096 294. Aerial-photo interpretation in classifying and mapping soils [with bibliography]; prepared by soil scientists and cartographers, Soil Survey staff, Soil Conservation Service. Oct. 1966. v+89 p. il. 4° ● Paper, 75c. L.C. card Agr 67-81
- 4097 308. Forester's guide to aerial photo interpretation [with list of literature cited; by] T. Eugene Avery. Oct. 1966. iii+40 p. il. 1 pl. 4° (Forest Service.) ● Paper, 50c. L.C. card Agr 67-80
- 4098 321. Safe use of agricultural and household pesticides; [prepared by Agricultural Research Service]. [Jan. 1967.] cover title, ii+65 p. il. 4° ● Paper, 50c. L.C. card Agr 67-87
- 4099 326. Graphic analysis, applications in agricultural economics [with list of literature cited]; by Frederick V. Waugh. [Nov. 1966.] cover title, ii+78 p. il. 4° (Economic Research Service.) [Supersedes Agriculture handbook 128, Graphic analysis in agricultural economics.] ● Paper, 45c. L.C. card Agr 67-84
- Agriculture information bulletin.
- 4100 312. Our foreign agricultural trade. [Dec. 1966.] [21+24 p. il. oblong 24° ((Foreign Development and Trade Division), Economic Research service.) ● Paper, 15c. ● Item 4 L.C. card Agr 67-73 A 1.75: 312
- 4101 Balance between supply and demand, address by Under Secretary of Agriculture John A. Schnittker to 50th anniversary convention of National Milk Producers Federation, Washington, D.C., Nov. 29, 1966. [1966.] 11 p. 4° (3449; USDA 3794-66.) † A 1.40: Sch 5/15
- 4102 Chemical control of range weeds [articles, with lists of references; by] Chemical Plant Control Subcommittee, Range Seeding Equipment Committee. [Revised edition.] Dec. 1966. iv+39 p. 4° [Prepared in cooperation with Interior Department.] ● Paper, 30c. ● Item 11-C L.C. card Agr 67-89 A 1.11/3: W 41/966

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## Farmers' bulletins.

A 1.9: (nos.)

- 4103 2130. Rope on farm: [by J. R. McCalmont]. [Apr. 1959, slightly revised Apr. 1966.] [1966.] 16 p. il. ([Agricultural Engineering Research Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1931, Care and use of rope on farm.] \* Paper, 10c.
- 4104 2132. Improving your dairy herd, through National cooperative dairy herd improvement program: [prepared by Animal Husbandry Research Division, Agricultural Research Service.]. [Revised Jan. 1967.] [1966.] [2] + 10 p. il. \* Paper, 10c. ● Item 9  
L.C. card Agr 67-85
- 4105 2165. Growing raspberries: [prepared by Crops Research Division, Agricultural Research Service.]. [Revised Jan. 1967.] [1966.] 11+14 p. il. \* Paper, 10c. ● Item 9  
L.C. card Agr 67-72
- 4106 2209. Slaughtering, cutting, and processing beef on farm: [by Richard L. Hiner]. [July 1965, slightly revised Dec. 1966.] [1966.] 32 p. il. ([Animal Husbandry Research Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1415, Beef on farm slaughtering, cutting, curing.] \* Paper, 15c. ● Item 9

## Home and garden bulletin.

- 4107 70. Home freezing of poultry: [prepared by Human Nutrition Research Division, Agricultural Research Service.]. [Revised Jan. 1967.] [1966.] 24 p. il. [Supersedes Leaflet 279, Chicken in freezer.] \* Paper, 15c. ● Item 11  
A 1.77: 70/3

- 4108 Issue of rural development, communities of tomorrow, address by Secretary of Agriculture Orville L. Freeman at Conference on Rural Poverty, sponsored by National Association for Community Development, Arlington, Va., Jan. 30, 1967. [1967.] 20 p. 4° (3934; USDA 291-67.) †  
A 1.40: F 87/269

- 4109 Keynote address by John A. Baker, Assistant Secretary, Department of Agriculture, at Professional Agriculture Workers Conference, Tuskegee Institute, Tuskegee, Ala., Dec. 5, 1966. [1966.] 10 p. 4° (3473; USDA 3828-66.) †  
A 1.40: B 17/29

## Leaflets.

A 1.35: (nos.)

- 4110 136. Production of parsley: [prepared by Crops Research Division, Agricultural Research Service.]. [Revised 1960, slightly revised Aug. 1966.] [1966.] [4] p. il. narrow 8° \* Paper, 5c.
- 4111 142. Production of turnips and rutabagas. [Revised Sept. 1966.] [1966.] 8 p. il. narrow 8° ([Crops Research Division, Agricultural Research Service.]) \* Paper, 5c.
- 4112 345. Insects in farm-stored wheat, how to control them: [prepared by Market Quality Research Division, Agricultural Research Service.]. [Revised July 1965, slightly revised Dec. 1966.] [1966.] 8 p. il. \* Paper, 5c. ● Item 12
- 4113 360. Growing table beets: by Victor R. Boswell. [Feb. 1954, slightly revised Aug. 1966.] [1966.] 4 p. il. ([Crops Research Division, Agricultural Research Service.]) [Supersedes Leaflet 127, Culture of table beets.] \* Paper, 5c.
- 4114 403. Chiggers, how to fight them: [prepared by Entomology Research Division, Agricultural Research Service.]. [Revised May 1963, slightly revised 1966.] [1966.] [2] p. il. oblong large 4°, folded into narrow 8° size. [Supersedes Leaflet 302, Chigger control.] \* Paper, 10c.
- 4115 427. Planning farm machinery replacements: [prepared by Lawrence A. Jones and Esther M. Colvin]. [Nov. 1957, slightly revised Aug. 1966.] [1966.] [4] p. il. 4° \* Paper, 5c.
- 4116 455. Pickleworm, how to control it on cucumber, squash, cantaloup, and other cucurbits: [by William J. Reid, Jr. and Frank P. Cuthbert, Jr.]. [Revised Jan. 1961, slightly revised Nov. 1966.] [1966.] 8 p. il. narrow 8° ([Entomology Research Division, Agricultural Research Service.]) †  
● Item 12
- 4117 478. Growing grain sorghum: [prepared by Crops Research Division, Agricultural Research Service.]. [July 1960, slightly revised Oct. 1966.] [1966.] 8 p. il. \* Paper, 5c.
- 4118 528. Watermelons for garden. [June 1964, slightly revised Dec. 1966.] [1966.] 6+ [2] p. il. ([Crops Research Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1394, Watermelons.] \* Paper, 5c. ● Item 12
- 4119 Management information, blueprint for tomorrow, address by Secretary of Agriculture Orville L. Freeman before Better Management Information and Reporting, National Symposium, National Archives and Records Service, General Services Administration, Washington, D.C., Nov. 1, 1966. [1966.] 14 p. 4° (3223; USDA 3456-66.) † A 1.40: F 87/263

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# GOVERNMENT PUBLICATIONS

- Marketing research reports. • Item 13-B A 1.82: (nos.)**
- 4120 752. Determining costs of servicing wholesale institutional grocery orders; [by James J. Karitas]. [Oct. 1966.] [3]+20 p. il. 4° (Agricultural Research Service.) \* Paper, 15c.  
L.C. card Agr 66-362
- 4121 753. Layout, equipment, and work methods for school lunch kitchens and serving lines [with bibliography; by Konrad Bledermann, and others]. [Dec. 1966.] 11+45 p. il. 4° (Agricultural Research Service.) †  
L.C. card Agr 67-79
- 4122 757. Improved methods, techniques, and equipment for cleaning eggs; [by Roger E. Walters (and others)]. [Oct. 1966.] 1v+24 p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with University of California Agricultural Experiment Station.] †  
L.C. card Agr 67-10
- Miscellaneous publications. • Item 13-A A 1.38: (nos.)**
- 4123 1031. Comparison of financial operating data of affiliated food wholesalers; [by Jack L. Bunyan and John C. Boumal]. [Oct. 1966.] [4]+18 p. il. 4° (Agricultural Research Service.) [Erratum, dated Nov. 1966, 1 p. oblong 48°, issued also.] \* Paper, 15c.
- 4124 1040. Incinerator, concrete block. Nov. 1966. [2] p. il. 4° (Cooperative farm building plan exchange; plan 5996.) \* Paper, 5c.  
L.C. card Agr 67-78
- 4125 1044. Beef cattle corrals. Dec. 1966. [2] p. il. 4° (Cooperative farm building plan exchange; plan 5991-5974-5952.) \* Paper, 5c.
- 4126 1051. Price spreads for pork; [by J. Bruce Bullock, Richard Eisenberg, and Duane Hacklander]. [Jan. 1967.] 1v+23 p. il. 4° (Economic Research Service.) \* Paper, 20c.  
L.C. card Agr 67-77
- 4127 New food aid program. Nov. 1966. 6+[2] p. 4° † A 1.2: F 73/33
- PA [Program aid] (series). • Item 14-A A 1.68: (nos.)**
- 4128 309. United States National Arboretum, Washington, D.C. [Slightly revised Nov. 1966.] [1966.] [8] p. il. narrow 8° †
- 4129 406. Watershed loans. [Revised Aug. 1963, slightly revised Nov. 1966.] [1966.] 4 p. il. narrow 8° (Farmers Home Administration.) †
- 4130 534. Food stamp program, guide for retailers and wholesalers. Revised Dec. 1966. [1966.] [4] p. oblong 12° (Consumer and Marketing Service.) †
- 4131 554. Loans for water development and soil conservation. [Revised Dec. 1966.] [1966.] 8 p. il. narrow 8° (Farmers Home Administration.) [Supersedes PA-496, Loans to individuals for water development and soil conservation.] †
- 4132 556. Farmers Home Administration insured loans, information for lenders. [Slightly revised Jan. 1967.] [1967.] [7] p. narrow 8° (Farmers Home Administration.) [Supersedes PA-254, Insured farm loans, information for lenders.] †
- 4133 749. Fruits and vegetables, bright jewels, guide for program aides in home economics. [1966.] [2] p. 4° (Division of Home Economics, Federal Extension Service.) †
- 4134 765. 4-H Club entomology leaders' guide [with list of references]. [Nov. 1966.] cover title, [2]+19 p. il. 4° (Federal Extension Service.) [Prepared in cooperation with State Land-Grant Colleges and Universities. Supersedes Agriculture handbook 106, 4-H Club entomology leaders' manual.] \* Paper, 20c.
- 4135 786. Finding hidden insects; [prepared by Agricultural Research Service]. Dec. 1966. [4] p. il. 4° (Student of classroom science project 1.) †
- 4136 787. Trapping insects with light; [prepared by Agricultural Research Service]. Dec. 1966. [4] p. il. 4° (Student of classroom science project 2.) †
- 4137 788. Killing weeds with herbicides; [prepared by Agricultural Research Service]. Dec. 1966. [2] p. il. 4° (Student of classroom science project 3.) †
- Picture story. † A 1.100: (nos.)**
- 4138 197. Agricultural inspectors outwit foreign pests. Jan. 1967. [6] p. il. 4° (Agricultural Research Service.)
- 4139 198. Research roundup 1966. Jan. 1967. [6] p. il. 4° (Agricultural Research Service.)
- Production research report.**
- 4140 95. Culture of crambe, new industrial oilseed crop [with list of literature cited; by George A. White and J. J. Higgins]. [Nov. 1966.] 1v+20 p. il. 4° (Agricultural Research Service.) \* Paper, 20c. • Item 13-C A 1.84: 95
- 4141 Remarks by Under Secretary of Agriculture John A. Schnitzker at dedication ceremonies for Franklin County Rural Water District no. 2, Ottawa, Kans., Nov. 4, 1966. [1966.] 5 p. 4° (3234; USDA 3472-66.) † A 1.40: Sch 5/14

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- 4142 Statement by Secretary of Agriculture Orville L. Freeman before 14th annual American Association of Nurserymen Industrial Landscaping Awards luncheon, Washington, D.C., Nov. 15, 1966. [1966.] 10 p. 4° (3343; USDA 3660-66.) † A 140: F 87/285

Statistical bulletins.

A 134: (nos.)

- 4143 333. Livestock and meat statistics, supplement for 1965. Aug. 1966. vi+160 p. 4° (Consumer and Marketing Service, Statistical Reporting Service, [and] Economic Research Service.) \* Paper, 75c.  
L.C. card Agr 58-260
- 4144 376. U.S. fats and oils statistics, 1909-65, oilseeds, oils and meals, animal fats and oils, food fats, nonfood fats; [prepared in Fats and Oils Section, Economic and Statistical Analysis Division, Economic Research Service]. [Aug. 1966.] cover title, ii+222 p. 4° [Supersedes Statistical bulletin 147, Oilseeds, fats and oils, and their products, 1909-53.] †  
L.C. card Agr 60-309
- 4145 381. Tree nuts by States, 1959-65, revised estimates, production, use, value. Dec. 1966. 15 p. 4° ([SeHy 1-2 (66).]; Statistical Reporting Service, Crop Reporting Board.) † • Item 15  
L.C. card 57-60177
- 4146 382. Commodity futures statistics, July 1965-June 1966. [Jan. 1967.] [2]+61 p. 4° (Commodity Exchange Authority.) † • Item 15  
L.C. card 50-60167
- 4147 383. Hog inventory and pig crops by States, 1960-64, revised estimates. Dec. 1966. 28 p. 4° ([MtAn 4-1]; Statistical Reporting Service, Crop Reporting Board.) † • Item 15  
L.C. card Agr 67-76
- 4148 384. Field crops, by States, 1959-64, acreage, yield, production, revised estimates. Dec. 1966. 90 p. 4° ([CrPr 2-2-2 (66)]; Statistical Reporting Service, Crop Reporting Board.) † • Item 15  
L.C. card 62-2462
- 4149 385. Seed crops by States, 1959-64, revised estimates, acreage, yield, production, price, value. Dec. 1966. 22 p. il. 4° ([SeHy 1-2 (66)]; Statistical Reporting Service, Crop Reporting Board.) [Supplements Statistical bulletin 206 and 288.] † • Item 15
- 4150 388. Honey and beeswax, number colonies, yield per colony, production, price per pound, value of production, by States 1955-64, revised estimates. Jan. 1967. 14 p. 4° ([Hny 1-1 (67)]; Statistical Reporting Service, Crop Reporting Board.) † • Item 15  
L.C. card 67-60670

Technical bulletins. • Item 16

A 136: (nos.)

- 4151 1363. Effect of layout, equipment, and routine on time and travel required for milking cows: [by Thayer Cleaver]. [Nov. 1966.] [2]+38 p. il. (Agricultural Research Service.) \* Paper, 15c.  
L.C. card Agr 67-62
- 4152 1369. Dye binding of milk proteins [with list of literature cited; by N. P. Tarasuk, N. Abe, and W. A. Moats]. [Jan. 1967.] [2]+44 p. il. (Agricultural Research Service.) [Prepared in cooperation with California Agricultural Experiment Station.] †  
L.C. card Agr 67-83

AIR FORCE DEPARTMENT, Defense Dept.  
Washington, D.C. 20330

AFCLR (series). (Air Force Cambridge Research Laboratories, Office of Aerospace Research.)

- 4153 66-717. Studies of metastable molecules of atmospheric interest [with list of references; by] Nathaniel P. Carleton. Oct. 1966. v+48 leaves+ [2] p. il. 4° (Smithsonian Astrophysical Observatory, Cambridge, Mass.; contract AF 19(628)-4203, project 8627, task 862702, final report, June 1, 1964-Aug. 31, 1966.) † D 301.45/4-3: 66-717
- 4154 African national developments; [by] Charles M. Thomas. 2d edition. 1967. v+196 p. map, 4° ([Air University documentary research study AU-295-65-ASI]; Documentary Research Division, Aerospace Studies Institute.) [Published at Maxwell Air Force Base, Ala., 1967.] †  
L.C. card 67-60672 D 301.26/3: Af 8/2/967

Air Force manual AFM (series).

- 4155 67-11. See Defense Department, Defense Supply Agency manual 4140.1.
- 4156 78-21. See Defense Department, Defense Supply Agency handbook DSAH 4215.81.
- 4157 78-32. See Defense Department, Defense Supply Agency handbook DSAH 4215.29.
- 4158 78-38. See Defense Department, Defense Supply Agency handbook DSAH 4215.30.
- 4159 78-44. See Defense Department, Defense Supply Agency handbook DSAH 4215.33.
- 4160 78-47. See Defense Department, Defense Supply Agency handbook DSAH 4215.32.

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## Air Force manual AFM (series)—Continued

- 4161 88-40, chap. 20. See Army Department Technical manual TM 5-886-2.  
 4162 88-40, chap. 27. See Army Department technical manual 5-888-1.  
 4163 88-40, chap. 36. See Army Department, Technical manual 5-888-8.  
 4164 100-22. Communications-electronics activities: Commercial communications services. Dec. 1, 1966, cover title, III+118 p. II. 4° [Issued with perforations. Short title: CED 2200. Supersedes AFM 100-22, Nov. 1, 1963.] \* Paper, \$1.25. • Item 421 D 301.7: 100-22/4
- 4165 110-7. See Army Department, Field manual 41-5.
- Electronics System Division: Technical report ESD-TR (series). (Air Force Systems Command, L. G. Hanscom Field, Bedford, Mass.)
- 4166 66-405. Study and test of methodology for laboratory evaluation of message retrieval systems, interim report [with list of references; by] Vincent E. Giuliano, Paul E. Jones. Aug. 1966, cover title, ix+183+[2] p. II. 4° (Decision Sciences Laboratory; [C-65850, C-66257].) [Prepared under contract AF 19(628)-4067 and 3311 by Arthur D. Little, Inc., Cambridge, Mass.] ‡ D 301.45/28: 66-405

## Lunar charts and mosaic [charts of the moon] series.

- 4167 LAC 114. Rheta. Scale 1:1,000,000. 1st edition Oct. 1966. Aeronautical Chart and Information Center [Dec. 1966]. 22 x 29 in. [Lambert conformal projection. Published for Air Force and National Aeronautics and Space Administration. Clarification of surface features appears on verso.] D 301.49/4: LAC 114
- NOTE.—This series, which when complete will include LAC 38, 96, 97, 43, 44, 98, 92, 25, 24, and 114, may also be purchased on a subscription basis, \$4.50 domestic, \$1.00 additional for foreign mailing, and 50c. per single copy.
- 4168 LEM-1. USAF lunar reference mosaic, lunar earthside hemisphere. Scale 1:5,000,000. 3d edition, July 1966. Aeronautical Chart and Information Center [July 1966]. 34 x 35 in. [Orthographic projection. Mosaic compiled Nov. 1962.] \* Paper, \$1.00. D 301.49/4: LEM-1/966

## PACAF [Pacific Air Forces] basic bibliographies for base libraries.

- 4169 Aeronautics; prepared by Jean M. Kolbeck. Oct. 1, 1966. [I]+iv+70 p. 4° [Supersedes edition of June 15, 1962.] † Commander-in-Chief Pacific Air Forces, ATTN: DPSR, Command Librarian, APO San Francisco 96553. D 301.62: Ae 8/966
- L.C. card 58-61784

## Personnel Research Laboratory: Technical report PRL-TR (series). (Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.) ‡ D 301.45/27: (nos.)

- 4170 66-6. Job types identified with inventory constructed by electronics engineers [with list of references]; by Joseph E. Morsh. June 1966. vi+53+[2] p. 4° ([Contract AF 41(609)-1604, project 7734, task 773401.])
- 4171 66-7. Comparison of airman qualifying examination with differential aptitude tests, by Howard L. Madden, Lonnie D. Valentine, Jr., Ernest C. Tupes, errata. [1966.] 1 p. 4°
- 4172 66-8. Comparison of merited grade and skill level ratings of airman job [with list of references]; by Joe T. Hazel. Aug. 1966. v+12+[2] p. 4° ([Project 7734, task 773402.])
- 4173 Physician's role in aeromedical evacuation; [prepared by Office of Command Surgeon, Headquarters, Military Airlift Command]. [1966.] cover title, 16 p. II. 4° † • Item 424 (special offer) D 301.2: P 56/3

## School of Aerospace Medicine: Aeromedical reviews. (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.)

- 4174 5-66. Geographic and astronomic distance responses by rated officers [with list of references; by] Bernard I. Grosser. Oct. 1966. [I]+6 p. D 301.26/13-4: 5-66

## — Technical report SAM-TR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡ D 301.26/13-6: (nos.)

- 4175 65-242. Forearm vascular responses to lower body negative pressure and orthostasis [with list of references; by] Charles A. Gilbert, Paul M. Stevens. July 1966. cover title, 1265-72+[2] p. II. 4° [Reprinted from Journal of applied physiology, v. 21, no. 4, July 1966.]
- 4176 65-261. Estimate of biological effects of space proton environment [with list of references; by] Glenn V. Dalrymple et al. June 1966. cover title, 548-566+[2] p. II. 4° ([Task 775704.]) [Reprinted from Radiation research, v. 28, no. 2, June 1966. Copyright 1966 by Academic Press, Inc.]
- 4177 65-274. Effect of sodium acetate on TmpAH depressed by exposure to hydrazine [with list of references; by] Ethard W. Van Stee. Aug. 1966. cover title, 817-819+[2] p. II. 4° [Reprinted from Aerospace Medicine, v. 37, no. 8, Aug. 1966.]

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- 4178 65-277. Periodontal status in relation to parotid fluid and serum glucose levels [with list of references; by] Ira L. Shannon, James M. Terry. July/Aug. 1966. cover title, 187-189+[2] p. 4° ([Task 775303.]) [Reprinted from Journal of American Society of Periodontists, v. 4, no. 4, 1966.]
- 4179 65-322. Some effects of 55-Mev protons on primates [with list of references; by] Ian R. Lindsay et al. June 1966. cover title, 446-464+[2] p. il. 4° ([Task 775704.]) [Reprinted from Radiation research, v. 28, no. 2, June 1966. Copyright 1966 by Academic Press, Inc.]
- 4180 65-327. Heart rate response of anesthetized and unanesthetized dogs to noise and near-vacuum decompression [with list of references; by] Julian P. Cooke [and] Richard W. Bancroft. July 1966. cover title, 704-709+[2] p. il. 4° [Reprinted from Aerospace Medicine, v. 37, no. 7, July 1966.]
- 4181 66-79. Tissue monoamine oxidase inhibitions by convulsigenic doses of hydrazines and related Ba-hydrazones [with list of references; by] Arthur A. Wykes. Sept. 1966. cover title, ill+11+[2] p. il. 4° ([Project 6302; task 630207.])
- 4182 66-81. Recovery of clostridia from human feces, development of method [with list of references; by] Charles Eller. Sept. 1966. cover title, ill+7+[2] p. il. 4° ([Project 7757; task 775702.])
- 4183 66-89. Further toxicologic studies of acute hydrazine toxicity in mice [with list of references; by] Eugene Roberts, Daisy G. Simonsen. Oct. 1966. cover title, ill+11+[2] p. il. 4° [Prepared in Department of Biochemistry, City of Hope Medical Center, Duarte, Calif., under contract AF 41(609)-2949, task 630207.]
- 4184 66-91. Second study of factors affecting aircrew morale [by] Bryce O. Hartman, George K. Cantrell, Lewis S. Sims, jr. Nov. 1966. cover title, ill+14+[2] p. il. 4° ([Task 793003.])
- 4185 66-93. Inulin and PAH stability in frozen plasma utilizing improved automated inulin technic [with list of references; by] Rosemary J. Cheek, Joe C. Nichols, Bruce H. Warren. Nov. 1966. cover title, ill+10+[2] p. il. 4° ([Task 793003.])
- 4186 66-313. Cardiac output and related measurements in unanesthetized miniature swine [with list of references; by] Hubert L. Stone, Donald C. Sawyer. 1966. cover title, [1]+411-418+[2] p. il. 4° [Reprint of article published in Swine in biomedical research. Proceedings of international symposium at Richland, Wash., July 19-21, 1965, sponsored by Battelle Memorial Institute and Atomic Energy Commission.]
- 4187 66-320. Determination of inflight biochemical responses utilizing parotid fluid collection technic [with list of references; by] Bruce H. Warren et al. Aug. 1966. cover title, 796-799+[2] p. il. 4° [Reprinted from Aerospace Medicine, v. 37, no. 8, Aug. 1966.]

## AIR TRAFFIC SERVICE, Federal Aviation Agency Washington, D.C. 20553

- 4188 Aviation weather procedures handbook 7200.1 [Change] 3; Oct. 5, 1966. [1967.]. [34] p. il. 4° [Effective Feb. 15, 1967; cancellation date June 1, 1967. Issued in looseleaf form.] † ● Item 431-D-1  
FAA 3.8/2: W 37/ch.3
- 4189 International flight information manual, v. 14, Apr. 1966, amdt. 3; Jan. 1967. [1967.]. [47] p. 4° (Flight Information Division, National Flight Data Center (AT-430).) [Issued in looseleaf form.] \* Paper, \$1.25 (including basic manual and supplementary service for 1 year); 25c. additional for foreign mailing. ● Item 431-C-18  
FAA 3.13: 14/amdt.3

## AIRPORTS SERVICE, Federal Aviation Agency Washington, D.C. 20553

- 4190 Airport capacity criteria used in preparing National Airport Plan [with bibliography]. Aug. 1966. cover title, [1]+11+46+[3] p. il. 4° ([Advisory circular 150/5060-1.]) [Issued with perforations. Effective Nov. 10, 1966.] † ● Item 431-H-2  
L.C. card 67-60420  
FAA 8.8: C 17

## ARMS CONTROL AND DISARMAMENT AGENCY Washington, D.C. 20451

- 4191 8th report on U.S. Government research and studies in field of arms control and disarmament matters, covering period Jan. 1-June 30, 1966, submitted to Director, Bureau of Budget, pursuant to Executive order 11044, Aug. 20, 1962. Oct. 1, 1966. [103] p. oblong 8° †  
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## ARMY DEPARTMENT, Defense Dept. Washington, D.C. 20310

### AMC pamphlet. (Army Materiel Command.)

- 4192 746-2. Marking and packing of supplies and equipment: Triple-wall and double-wall fiberboard containers. Dec. 2, 1966. 56 p. il. 4° [Issued with perforations. Supersedes SMC 746-1, Feb. 18, 1964.] † ● Item 322-A D 101.22/3: 746-2
- 4193 Army junior ROTC, training today for leadership tomorrow. [Aug. 1966.] [8] p. il. narrow 8° ([RPI 687.]) † ● Item 325 D 101.2: R 31/11
- Army regulations AR (series).
- 4194 55-356. Transportation and travel: Uncrated household goods traffic regulation. Oct. 1966. cover title, 69 + [1] p. 4° (NAVSUP Pub. 455; Air Force regulation, AFR 75-17; Marine Corps order, MCO P4050.34A; Defense Supply Agency regulation, DSAR 4500.1.) [Issued with perforations. Supersedes AR 55-356/AFR 75-17/MCO P4050.34/DSAR 4500.1, Aug. 6, 1962 including Changes 1-3, Mar. 5, 1963-Jan. 15, 1965.] \* Paper, 50c. ● Item 323 D 101.9: 55-356/3
- 4195 Atlas of off-road ground roughness P.S.D.'s and report on data acquisition technique [with list of references]; by John L. Bogdanoff, Frank Kozin, Louis J. Cote. Sept. 1966. cover title, iv + 220 + [64] p. il. 4° [Sponsored by Advanced Research Projects Agency, Directorate of Remote Area Conflict, service agent, Army Materiel Command, conducted for Army Waterways Experiment Station, Corps of Engineers, Vicksburg, Miss., by Land Locomotion Laboratory, Army Tank Automotive Center, Warren, Mich.] † D 105.2: G 89
- Cold Regions Research & Engineering Laboratory, Hanover, N.H.; Research reports. (Army Materiel Command.) † D 103.33/3: (nos.)
- 4196 204. Effect of basal water layer on dimensions of ice sheets [with list of literature cited]; by J. Weertman. Aug. 1966. iv + 22 + [2] p. il. 4° (DA task IV014501B52A02.)
- 4197 208. Artificial radioactivity reference horizons in Greenland firn [with list of literature cited]; by G. Croxaz, C. C. Langway, Jr., E. Picciotto. Aug. 1966. iv + 8 + [2] p. il. 4° (DA task IV014501B52A02.)
- Special reports. (Army Materiel Command.) † D 103.33/2: (nos.)
- 4198 90. Investigation of mass transfer by sublimation from snow-surface [with list of literature cited]; by Clement B. Edgar, Jr. Sept. 1966. iv + 51 p. il. 4° (DA-AMC-27-021-03-C1, Dartmouth College.)
- 4199 101. U.S. Army CRREL topographic map, Barrow, Alaska; by J. Brown and P. L. Johnson. Scale 1:25,000. 1965. 33 x 35 in. ([DA task IV025001A13002 and DA task IV014501B52A02.]) [Issued in envelope bearing date May 1966. Accompanied by sheet of explanatory data, 1 p. 4° Mapping done by Aero Service Corporation under contract DA-19-016-ENG-9020.]
- Technical reports. (Army Materiel Command.) † D 103.33: (nos.)
- 4200 161. Survey of Arctic and subarctic temperature inversions [with list of literature cited]; by Michael A. Bilelo. Oct. 1966. iv + 35 + [2] p. il. 4° (DA task IV014501B52A02.) [Addendum, 1 p., issued also.]
- 4201 182. Development of thermal conductivity probes for soils and insulations [with list of literature cited]; by Alfred E. Wechsler. Oct. 1966. viii + 83 + [2] p. il. 4° (DA task IV025001A13001.) [Prepared by Arthur D. Little, Inc., under contract DA-27-021-AMC-25(X).]
- 4202 185. Cloud droplet camera [with list of literature cited]; by K. Itagaki. Nov. 1966. iv + 10 + [2] p. il. 4° (DA task IV014501B52A02.)
- Field manual FM (series). † ● Item 324 D 101.20: (nos.)
- 4203 1-100. Army aviation utilization [with list of references]. Nov. 1966. cover title, 68 p. il. 4° [Supersedes FM 1-100, June 5, 1963, including Changes 1, June 30, 1964.]
- 4204 5-144. Engineer amphibious units [with list of references]. Nov. 1966. cover title, ii + [205] p. il. 4° [Issued with perforations. Supersedes FM 5-144, Oct. 4, 1963.]
- 4205 11-25. Signal construction battalion [with list of references]. Nov. 1966. cover title, 28 p. il. 4° [Issued with perforations.]
- 4206 11-41. Audio-visual support center operations [with list of references]. Nov. 1966. cover title, 107 p. il. 4° [Issued with perforations. Supersedes Jan. 2, 1962 edition.]
- 4207 19-60. Confinement of military prisoners [with bibliography]. Nov. 1961, reprint [with changes, 1966]. cover title, [123] p. il. 4° [Includes current pages from Change 1. Issued with perforations. Supersedes chap. 5, FM 19-5, July 7, 1959.]
- 4208 31-60. River-crossing operations [with list of references]. Nov. 1966. cover title, 97 p. il. 4° [Issued with perforations. Supersedes FM 31-60, July 18, 1962, including Changes 1, Jan. 27, 1964.]

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- 4209 41-5. Joint manual for civil affairs [with list of references]. Nov. 1966. cover title, 81 p. 4° (Navy Dept. publication OPNAV 09B2P1; Air Force Dept. manual AFM 110-7; Marine Corps manual NAVMC 2500.) [Issued with perforations. Supersedes FM 41-5/OPNAV P 21-1/AFM 110-7/NAVMC 2500, Nov. 17, 1958.]
- 4210 Logical decision, Army ROTC. [Aug. 1966.] [12] p. ll. narrow 8° ([RPI 684.]) [Illustrations are colored.] † ● Item 325 D 101.2: R 31/10
- Pamphlets. † ● Item 327 D 101.22: (nos.)
- 4211 27-187. Military affairs. Dec. 1966. cover title, xiv+235 p. 4° [Issued with perforations. Supersedes DA pamphlet 27-187, May 31, 1963.]
- 4212 360-226. Troop topics: Professionalism and the soldier. [Nov. 1, 1966.] cover title, [12] p. ll. 4° [Text on p. 3 of cover.]
- Technical manual TM (series). † ● Item 329 D 101.11: (nos.)
- 4213 5-800-1. Basic criteria and construction standards for Army facilities, Change 1. Oct. 3, 1966. [8] p. 4° [Issued in looseleaf form.]
- 4214 5-886-2. Surface drainage facilities for airfields and heliports, emergency construction [with list of references]. Oct. 1966. cover title, 60+[1] p. ll. 4° (Air Force Dept., AFM 88-40, chap. 20.) [Issued in looseleaf form.]
- 4215 5-888-1. General provisions for airfield design emergency construction [with list of references]. Dec. 1966. cover title, 24+[1] p. ll. 4° (Air Force Department manual AFM 88-40, chap. 27.) [Issued with perforations.]
- 4216 5-888-8. Airfield and heliport flexible pavement evaluation emergency construction [with list of references]. Nov. 1966. cover title, 98+[1] p. ll. 4° (Air Force Dept. manual AFM 88-40, chap. 36.) [Issued with perforations.]
- 4217 10-500. Airdrop of supplies and equipment, general, Change 3; Oct. 26, 1966. [1966.] [40] p. ll. 4° ([Air Force Dept.] TO 13C7-1-5, Change 3.) [Issued in looseleaf form.]
- 4218 55-405-6. Army aviation maintenance engineering manual: Aircraft maintenance tools. July 1966. cover title, 34+[1] p. ll. 4° [Issued with perforations. Supersedes TM 55-405-6, Nov. 1, 1961.]
- 4219 United States Army Human Factors Research & Development, 12th annual conference, U.S. Army Infantry Center, Fort Benning, Ga., [Oct. 2-5, 1966; with bibliographies]. Oct. 1966 [published 1967]. cover title, vii+355 p. ll. 4° [Sponsor: Chief of Research and Development, Department of Army.] † ● Item 323-C D 101.52/6: 966
- United States Army research and development series.
- 4219A 3. [Monograph on] high-intensity radiation dosimetry with SEMIRAD (secondary-electron mixed-radiation dosimeters) [with list of references; by] Stanley Kronenberg. Sept. 1966. ix+94 p. ll. large 8° (Army Electronics Command, Fort Monmouth, N.J.) † ● Item 330-B D 101.52: 3
- L.C. card 67-60656
- USAAVLABS technical reports. (Army Aviation Materiel Laboratories, Fort Eustis, Va.) † D 117.8/2: (nos.)
- 4220 66-1. Tip vortex core thickening for application to helicopter rotor noise reduction [with list of references]; by R. H. Spencer, H. Sternfeld, Jr., B. W. McCormick. Sept. 1966. [1]+xiii+76+[2] p. ll. 4° (Contract DA 44-177-AMC-215(T), task 1P212401A14301; R-403A.) [Prepared by Vertol Division, Boeing Company, Morton, Pa.]
- 4221 66-37. Investigation of high gas temperature utilization for advanced tip turbine fans [with bibliography]; by M. R. Simonson. Aug. 1966. [1]+xi+52+[2] p. ll. 4° (Task 1M121401D14415, contract DA 44-177-AMC-218(T).) [Prepared by General Electric Company, Flight Propulsion Division, Advanced Technology and Demonstrator Programs Department, Lift Fan Systems Operations, Cincinnati, Ohio.]
- 4222 66-76. Research in fabrication techniques for fiber glass reinforced primary aircraft structures [with bibliography]; by Jay V. Daines. Oct. 1966. [1]+xiii+77+[2] p. ll. 4° (Task 1P212401A14176, contract DA 44-177-AMC-326(T).) [Prepared by HITECO, Gardena, Calif.]
- 4223 66-78. Investigation of low-level aircraft operational hazards [with bibliography]; prepared by [H. A. Ralies and others] Northrop Corporation, North Division, Hawthorne, Calif. Nov. 1966. [1]+xii+130+[2] p. ll. 4° (Task 1V021701A047, contract DA 44-177-AMC-309(T).)
- USAPRO technical research notes. (Army Personnel Research Office.) D 101.60: (nos.)
- 4224 169. Study of 2 image interpreter map displays, chip versus hard copy; by Richard S. Laymon. May 1966. [8]+34 p. ll. 4° (Support Systems Research Laboratory; Army project 2J620901A721, contract DA-49-092-ARO-65, man computer functions e-11.) † (Price upon application, AD 639126).

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## USAPRO technical research notes—Continued

- 4225 171. Generating random information for experimental decision problems; by Robert F. Boldt. June 1966. [7]+26 p. il. 4° (Statistical Research and Analysis Laboratory; Army project 2J024701A723, MICS b-00.) ♦ (Price upon application, 641327).
- 4226 173. Organization and presentation of image interpreter reference and auxiliary information [with selected bibliography]; by Arthur Nelson [and others]. June 1966. [9]+111 p. il. 4° (Support Systems Research Laboratory; Army project 2J260901A721, contract DA 49-092-ARO-7, man computer functions c-00.) ♦ (Price upon application, AD 641326).

## USAPRO technical research reports. (Army Personnel Research Office.) D 101.60/2: (nos.)

- 4227 1147. Nomograms for Army manpower policy evaluation; by Pauline T. Olson. June 1966. [7]+91 p. il. 4° (Statistical Research and Analysis Laboratory; Army project 2J023201A711, MICS a-15.) ♦ (Price upon application, AD 640005).
- 4228 1149. Motivational factors affecting Army research and development personnel [with bibliographies]; by Dale W. Lysinger. May 1966. [10]+62 p. 4° (Military Selection Research Laboratory; Army project 2J024701A722; contract DA 49-092-ARO-32, civilian personnel research b-00.) ♦ (Price upon application, AD 640390).

## USASCAF pamphlet.

- 4229 2. Pentagon. Revised June 1, 1966. [1966.] [16] p. il. oblong 48° †  
D 101.55:2/3

## ARMY MEDICAL SERVICE, Defense Dept. Washington, D.C. 20310

- 4230 Educational opportunities for physical therapists. [1966.] cover title, 16 p. il. 4° † • Item 351-A  
D 104.2: P 56/2

## ATOMIC ENERGY COMMISSION Washington, D.C. 20545

### AEC research and development reports. Y 3.At 7:22/(letters-nos.)

- 4231 AEC-tr-6603. Radiobiology, translation of v. 5, no. 6, 785-936 (1965) of Radiobiologiya; [chief editor A. M. Kuzin]. [Sept. 1966.] cover title, [1]+111+238 p. il. 4° (Translation series.) [Translated from publication of Publishing House of Academy of Sciences, USSR, 1966.] ♦ Paper, \$6.00.
- 4232 AEC-tr-6770. Radiobiology, translation of v. 6, no. 1, 1966 of Radiobiologiya; [chief editor A. M. Kuzin]. [Nov. 1966.] cover title, [1]+a-d+254 p. il. 4° (Translation series.) [Translated from publication of Publishing House of Academy of Sciences, USSR, 1966.] ♦ Paper, \$6.00.
- 4233 AEC-tr-6771. Radiobiology, translation of v. 6, no. 2, 1966 of Radiobiologiya; [chief editor A. M. Kuzin]. [Nov. 1966.] cover title, vi+251 p. il. 4° (Translation series.) [Translation from publication of Publishing House of Academy of Sciences, USSR, 1966.] ♦ Paper, \$6.00.
- 4234 NYO-3491-1. Generation and practical use of monoenergetic X-rays from alpha emitting isotopes, annual report [with list of references]; by Bach Sellers. Jan. 1966. cover title, viii+85 p. il. 4° (Parametrics, Inc., Waltham, Mass.; [contract AT(30-1)-3491].) ♦ Paper, \$3.00.
- 4235 PNE-710F. Plowshare, civil, industrial and scientific uses for nuclear explosives, Project Sulky, Nevada test site, Dec. 18, 1964, final report: Scientific photography; [by] R. Brower, D. Wilson. Nov. 21, 1966. cover title, 124 p. il. 4° (Edgerton, Germehausen & Grier, Inc., Las Vegas, Nev.) ♦ Paper, \$2.00.
- 4236 PNE-713F. Same: Project Sulky, Nevada test site, Dec. 18, 1964, final report: Crater measurements [with list of references]; [by] F. Videon. Oct. 1965. cover title, 38+[4] p. il. 4° (U.S. Army Corps of Engineers, Livermore, Calif.) ♦ Paper, \$1.50.
- 4237 PNE-904. Same: Plowshare program, Project Palangin, Nevada test site, Apr. 14, 1965, final report: Studies of apparent crater [with list of references]; [by] F. F. Videon. July 1966. cover title, 40 p. il. 4° (Lawrence Radiation Laboratory, Livermore, Calif.) ♦ Paper, \$1.50.
- 4238 TID-6506 (pt. 3) (4th ed.). Summaries of fast reactor fuels and materials development programs [with bibliographies]; edited by Edgar C. Norman. May 1966. cover title, vii+253 p. 4° (Division of Reactor Development and Technology, AEC, Washington, D.C.) ♦ Paper, \$6.00.

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- 4239 [This entry number not used.]
- 4240 Discovery of uranium-233, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission to Regents of University of California, Berkeley, Calif., Jan. 19, 1967. 1967. 10 p. 4° (S-3-67.) †  
Y 3.At 7: 34 Se 1/127
- 4241 Fundamental nuclear energy research 1966, supplemental report to Annual report to Congress for 1966. Dec. 1966. xxvi+359 p. il. 4° [Edited by Division of Plans and Reports in cooperation with Office of Assistant General Manager for Reactors, Division of Biology and Medicine and Division of Research.] \* Paper, \$2.50. • Item 1051-I  
Y 3.At 7: 48/966
- 4242 Overview of developing technology of food irradiation, remarks by Samuel M. Nabrit, Commissioner, Atomic Energy Commission, at SINB-AEC briefing on radiation preservation of foods, Oak Ridge, Tenn., Feb. 2, 1967. 1967. 7 p. 4° †  
Y 3.At 7: 34N 11/2
- 4243 Peaceful uses of nuclear energy, remarks by Glenn T. Seaborg, chairman, Atomic Energy Commission, upon visiting Bangkok, Thailand, Jan. 10, 1967. [1967.] 9 p. 4° (S-1-67.) †  
Y 3.At 7: 34 Se 1/125
- 4244 Remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission at Lahore Atomic Energy Center, Lahore, Pakistan, Jan. 13, 1967. 1967. 3 p. 4° (S-2-67.) †  
Y 3.At 7: 34 Se 1/126
- 4245 Selling to AEC, revised July 1966, errata page. [1967.] p. iv. † • Item 1051  
Y 3.At 7: 2 Se 4/2/966/errata
- 4246 Women and the year 2000, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission to Women's National Democratic Club, Washington, D.C., Feb. 6, 1967. [1967.] 11 p. 4° (S-6-67.) †  
Y 3.At 7: 34 Se 1/129
- 4247 Youth, a vote of confidence, commencement address by Glenn T. Seaborg, Chairman, Atomic Energy Commission at University of Miami, Coral Gables, Fla., Jan. 27, 1967. [1967.] 8 p. 4° (S-4-67.) †  
Y 3.At 7: 34 Se 1/128

## AVIATION MEDICINE OFFICE, Federal Aviation Agency Washington, D.C. 20553

Aviation medical report AM (series). ♦ (Price upon application).

FAA 7.12: (nos.)

- 4248 66-7. Evaluation of physiological protective efficiency of new prototype disposable passenger oxygen mask [with list of references; by] Ernest B. McFadden. Apr. 1966. [4]+20+[2] p. il. 4°
- 4249 66-20. Evaluation of Sierra, hanging, quick-don, crew, pressure-breathing, oxygen mask [with list of references; by] Ernest B. McFadden, Michael T. Lategola. June 1966. [4]+30+[1] p. il. 4°
- 4250 66-28. Oxygen in general aviation; [by] Stanley R. Mohler. Sept. 1966. [3]+3+[1] p. 4°
- 4251 66-29. Recent findings on impairment of airmanship by alcohol [with list of references; by] Stanley R. Mohler. Sept. 1966. [4]+9+[1] p. il. 4°
- 4252 66-34. Problems in aerial application, comparison of acute effects of endrin and carbon tetrachloride on liver of rats and of residual effects one month after poisoning [with list of references; by] George Clark. July 1966. [4]+8+[2] p. il. 4°
- 4253 66-35. Pilot vision considerations, effect of age on binocular fusion time [with list of references; by] Carlton E. Melton, Jr., Marlene Wicks. Oct. 1966. [4]+7+[1] p. il. 4°
- 4254 66-36. Clinical aviation medicine research, comparison of simultaneous measurements of intra-aortic auscultatory blood pressure with pressure-flow dynamics during rest and exercise [with list of references; by] F. J. Nagle, J. Naughton, B. Balke. Oct. 1966. [4]+7+[2] p. il. 4°
- 4255 66-38. Homogeneous field for light adaptation; [by] Henry W. Mertens. Sept. 1966. [4]+2+[1] p. il. 4°

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## BUDGET BUREAU, Executive Office of the President Washington, D.C. 20503

- 4256 Budget of United States Government, fiscal year 1968. 1967. 478 p. ll.  
[Edge index and how to use on p. 4 of cover. Also issued as H. doc.  
15, pt. 1, 90th Cong., 1st sess.] \* Paper, \$1.50. • Item 853  
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- 4257 — Appendix. 1967. 1316 p. 4° [Edge index and how to use on p. 4 of  
cover. Also issued as H. doc. 16, 90th Cong., 1st sess.] \* Paper, \$6.50.  
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- 4258 — District of Columbia. 1967. 76 p. 4° [Also issued as H. doc. 15, pt.  
2, 90th Cong., 1st sess.] \* Paper, 45c. • Item 853  
L.C. card 59-60322 PrEx 2.8/4: 968
- 4259 Special analyses, budget of United States, fiscal year 1968. [1967.] 188  
p. ll. \* Paper, 55c. • Item 855-B  
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## BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept., Washington, D.C. 20230

- 4260 Distribution of water and wastewater utilities capital expenditures in  
1964. Dec. 1966. 6 p. 4° † Paper, 10c. C 41.2: W 29/12
- 4261 Five-year market forecast commuter railroad cars; [prepared by Robert I.  
Sewall]. [1966.] vi+18 p. ll. 4° [Data obtained from Association of  
American Railroads, Washington, D.C., Institute for Rapid Transit,  
Chicago, Ill., National Capital Transportation Agency, Washington, D.C.,  
Tri-State Transportation Company, New York, N.Y., and Chicago South  
Shore and Bend Railroad, Chicago, Ill.] \* Paper, 25c. • Item 215  
L.C. card 67-60512 C 41.2: R 13
- 4262 Private enterprise and United Nations development program, how to bid  
on special fund projects; [prepared by John L. Malone assisted by  
Cheryl Q. Wilson.] [Dec. 1966.] 16+[2] p. ll. (Office of Marketing  
Services.) \* Paper, 15c. • Item 215-G C 41.6/9: Un 3

## CENSUS BUREAU, Commerce Dept. Suitland, Md. 20233

- 4263 Announcement and order form, 1963 census of mineral industries, final  
subject reports, series MC63 (1). Dec. 1966. 5 p. oblong 32" (Form  
BC-1419.) † C 3.216/6: 963-3
- Annual survey of manufactures, 1965, M65 (AS) (series).
- 4264 1. General statistics for industry groups and industries. [1967.] 28 p. 4°  
† Paper, 25c. • Item 134-A C 3.24/9: M 65(AS)-1
- Area measurement reports, GE-20 (series). [Prepared by Geography Di-  
vision.] • Item 146-B C 3.208/2: (nos.)
- 4265 5. Area of Arkansas, 1960. Revised Jan. 1967. [1967.] 17 p. 4° \* Paper,  
20c.
- 4266 18. Area of Kansas, 1960. Revised Jan. 1967. [1967.] 19 p. 4° \* Paper,  
20c.
- 4267 26. Areas of Mississippi, 1960. Dec. 1966. 11 p. 4° \* Paper, 15c.
- 4268 32. Areas of New Jersey, 1960. Revised Jan. 1967. [1967.] 12 p. 4° \* Pa-  
per, 15c.
- 4269 47. Area of Vermont, 1960. Jan. 1967. 7 p. 4° \* Paper, 10c.
- 1963 census of business: Special report BC63(S) (series).
- 4270 RS3. Retail trade, gasoline service stations and liquefied petroleum (LP) gas  
dealers. [Jan. 1967.] cover title, [1]+102 p. 4° † Paper, \$1.25.  
• Item 133 C 3.202/18: BC 63(S) RS 3
- 1963 census of manufactures [Area statistics] MC63(3)-(series). [Pre-  
pared in Industry Division. Preprint of corresponding chapter of v. 3,  
Area statistics.] • Item 137
- 4271 41. South Carolina. [Nov. 1966.] cover title, vi+20 p. ll. 4° \* Paper, 25c.  
C 3.24/3: 963/41

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- [Industry statistics] MC63(2)-(series). [Prepared in Industry Division. Preprint of corresponding chapter of v. 2, Industry statistics.]
- 4272 22.1. Textile mills, machinery, fiber, and fabric consumption; [prepared by Robert J. Nealon, assisted by Evelyn O. Denny]. [Nov. 1966.] cover title, vi+37 p. 4° \* Paper, 40c. • Item 136 C 3.24/4:963/22.1
- [Subject statistics] MC63(1)-(series). [Prepared in Industry Division. Preprint of corresponding chapter of v. 1, Summary and subject statistics.] • Item 135 C 3.24/12:963/(nos.)
- 4273 1. General summary. [Dec. 1966.] cover title, 102 p. ll. 4° \* Paper, 60c.
- 4274 2. Size of establishments. [Dec. 1966.] cover title, vii+93 p. ll. 4° \* Paper, 55c.
- 4275 4. Manufacturers' inventories. [Dec. 1966.] cover title, iii+14 p. 4° \* Paper, 25c.
- 4276 5. Expenditures for plant and equipment. [Dec. 1966.] cover title, iii+23 p. ll. 4° \* Paper, 30c.
- 4277 8. Selected materials consumed. [Dec. 1966.] cover title, iii+106 p. 4° \* Paper, 65c.
- 4278 9. Selected metalworking operations. [Dec. 1966.] cover title, iii+39 p. 4° \* Paper, 45c.
- 4279 10. Water use in manufacturing. [Nov. 1966.] cover title, iii+174 p. ll. 4°
- 1963 census of mineral industries [Area statistics] MIC 63(2)-(series). [Prepared in Industry Division. Preprint of corresponding chapter of v. 2, Area statistics.] • Item 158 C 3.216/2:963/(nos.)
- 4280 2. Alaska. [Jan. 1967.] cover title, vi+10 p. ll. 4° \* Paper, 25c.
- 4281 4. Arkansas. [Jan. 1967.] cover title, vi+14 p. ll. 4° \* Paper, 25c.
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- 4297 40. South Dakota. [Jan. 1967.] cover title, vi+12 p. ll. 4° \* Paper, 25c.
- 4298 42. Texas. [Jan. 1967.] cover title, vi+34 p. ll. 4° \* Paper, 40c.
- 4299 48. Wisconsin. [Dec. 1966, published 1967.] cover title, vi+14 p. ll. 4° \* Paper, 25c.
- 4300 49. Wyoming. [Jan. 1967.] cover title, vi+14 p. ll. 4° \* Paper, 25c.
- 1960 census of population: Supplementary reports: PC(S1) (series).
- 4301 53. 1960 population of Congressional districts for 90th Congress. Dec. 30, 1966. 10 p. 4° † Paper, 10c. • Item 154 C 3.223/12:960/53
- 4302 1963 census of transportation: v. 4, Motor carrier survey. [Dec. 1966.] [2]+27 p. ll. 4° (TC63-M1; [Transportation Division.]) \* Paper, 30c. • Item 160-D C 3.233/3:963/v.4
- L.C. card A65-7762
- Census tract conference papers, series GE-40. ([Geography Division.])
- 4303 2. Needs and plans for 1970 censuses [papers, with list of references]. [1967.] [3]+49 p. 4° [Papers presented in connection with annual meeting of American Statistical Association, Los Angeles, Calif., Aug. 15, 1966.] † Paper, 50c. • Item 131-C C 3.227/2:2
- L.C. card A60-9121
- 4304 Computer-based geographic coding for 1970 census [paper], by William T. Fay and Robert L. Hagan, prepared for presentation at annual meetings of American Institute of Planners, Portland, Oreg., Aug. 14, 1966, and American Statistical Association, Los Angeles, Calif., Aug. 15, 1966. Revised Oct. 1966. [1966.] [1]+13 p. 4° † C 3.132:F 29/2
- Construction reports: Housing sales, C-25 (series).
- 4305 65-13. Sales of new one-family homes, annual statistics 1965. [1966.] iii+86 p. ll. 4° [Prepared in cooperation with Housing and Urban Development Department.] † Paper, \$1.00. • Item 140-A (Rev.) C 3.215/9:C 25-65-13
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- County business patterns, CBP (series). ([Business Division.]) [Prepared in cooperation with Social Security Administration.] ● Item 133-A  
L.C. card 49-45747 C 3.204: (nos.)
- 4306 65-2. Alabama, 1965. [Dec. 1966.] cover title, viii+85 p. ll. 4° \*Paper, 60c.  
4307 65-6. California, 1965. [Dec. 1966.] cover title, viii+160 p. ll. 4° \*Paper, \$1.25.  
4308 65-10. Dist. of Columbia, 1965. [Dec. 1966.] cover title, viii+13 p. ll. 4° \*Paper, 25c.  
4309 65-11. Florida, 1965. [Dec. 1966.] cover title, viii+105 p. ll. 4° \*Paper, 65c.  
4310 65-12. Georgia, 1965. [Dec. 1966.] cover title, viii+124 p. ll. 4° \*Paper, 70c.  
4311 65-19. Kentucky, 1965. [Nov. 1966.] cover title, viii+87 p. ll. 4° \*Paper, 60c.  
4312 65-27. Missouri, 1965. [Nov. 1966.] cover title, viii+109 p. ll. 4° \*Paper, 70c.  
4313 65-32. New Jersey, 1965. [Dec. 1966.] cover title, viii+109 p. ll. 4° \*Paper, 70c.  
4314 65-34. New York, 1965. [Dec. 1966.] cover title, viii+158 p. ll. 4° \*Paper, \$1.25.  
4315 65-35. North Carolina, 1965. [Dec. 1966.] cover title, viii+129 p. ll. 4° \*Paper, 75c.  
4316 65-37. Ohio, 1965. [Dec. 1966.] cover title, viii+177 p. ll. 4° \*Paper, \$1.25.  
4317 65-40. Pennsylvania, 1965. [Nov. 1966.] cover title, viii+185 p. ll. 4° \*Paper, \$1.25.  
4318 65-42. South Carolina, 1965. [Dec. 1966.] cover title, viii+70 p. ll. 4° \*Paper, 60c.  
4319 65-44. Tennessee, 1965. [Dec. 1966.] cover title, viii+102 p. ll. 4° \*Paper, 65c.  
4320 65-48. Virginia, 1965. [Dec. 1966.] cover title, viii+121 p. ll. 4° \*Paper, 70c.  
4321 65-50. West Virginia, 1965. [Dec. 1966.] cover title, viii+59 p. 4° \*Paper, 45c.
- 4322 Current industrial reports: Broad-woven fabrics finished, 1965 (preliminary). Oct. 12, 1966. 2 p. 4° (MA-22S (65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-22S (65)-1/prelim.
- 4323 — Change sheet, Home-type radio receivers and television sets, automobile radios, phonographs and record player attachments, 1965. Dec. 14, 1966. 1 p. 4° (Series M36M (65)-1.) † ● Item 142-A C 3.158: M36M (65)-1/ch.
- 4324 — Consumer, scientific, technical, and industrial glassware, 1965. Nov. 15, 1966. 3 p. 4° (Series MA-32E (65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-32E (65)-1
- 4325 — Data on 5,000 products, accounting for more than one-third of all U.S. manufacturing, presented in monthly, quarterly, and annual reports, announcement and order form. July 1966. [2] p. large 4°, folded into oblong 48° size. (Form BC-738.) C 3.158: list/966
- 4326 — Electric housewares and fans, 1965. Dec. 14, 1966. 3 p. 4° (Series MA-36E (65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-36E (65)-1
- 4327 — Farm pumps, summary for 1965. Oct. 27, 1966. 5 p. 4° (Series M35G (65)-13.) † Paper, 25c. ● Item 142-A C 3.158: M35G (65)-13
- 4328 — Gloves and mittens, 1965. Dec. 2, 1966. [2] p. 4° (Series MA-23D (65)-1.) † Paper 25c. ● Item 142-A C 3.158: MA-23D (65)-1
- 4329 — Iron and steel foundaries and steel ingot producers, 1965. Oct. 13, 1966. iii+16 p. 4° (Series M33A (65)-7.) † Paper, 15c. ● Item 142-A C 3.158: M33A (65)-7
- 4330 — Metal cans, summary for 1965. Dec. 16, 1966. 8 p. 4° (Series M34D (65)-13.) † Paper, 15c. ● Item 142-A C 3.158: M34D (65)-13
- 4331 — Mining machinery and equipment, 1965. Nov. 8, 1966. [2] p. 4° (Series MA-35F (65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-35F (65)-1

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- 4332 — Motorized fire apparatus, 1965. Oct. 10, 1966. 1 p. 4° (Series BDSAF-504A (65)-1.) [Prepared in cooperation with Business and Defense Services Administration.] † Paper, 25c. ● Item 142-A  
C 3.158: BDSAF-504A (65)-1
- 4333 — Motors and generators, 1965. Dec. 29, 1966. 7 p. 4° (Series MA-36H (65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-36H (65)-1
- 4334 — Narrow fabrics 1965 (preliminary). Oct. 11, 1966. 2 p. 4° (Series MA-22G (65)-1.) † Paper, 25c. ● Item 142-A  
C 3.158: MA-22G (65)-1/prelim.
- 4335 — Nonferrous castings, summary for 1965. Dec. 2, 1966. 8 p. 4° (Series M33E (65)-13.) † Paper, 15c. ● Item 142-A  
C 3.158: M33E (65)-13
- 4336 — Nonwoven fabrics (bonded fiber fabrics and conventional felts), 1965. Jan. 3, 1967. 2 p. 4° (Series M22T.5 (65)-1.) † Paper, 25c. ● Item 142-A  
C 3.158: M22T.5 (65)-1
- 4337 — Pumps and compressors, 1965. Dec. 29, 1966. 4 p. 4° (Series MA-35P (65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA35P (65)-1
- 4338 — Rugs, carpets, and carpeting, 1965 (preliminary). Oct. 11, 1966. 1 p. 4° (Series MA-22Q (65)-1.) † Paper, 25c. ● Item 142-A  
C 3.158: MA-22Q (65)-1/prelim.
- 4339 — Sheets, pillowcases, and towels, 1965 (preliminary). Oct. 10, 1966. 2 p. 4° (Series MA-23X (65)-1.) † Paper, 25c. ● Item 142-A  
C 3.158: MA-23X (65)-1/prelim.
- 4340 — Sheets, pillowcases, and towels, 1965. Oct. 28, 1966. 3 p. 4° (Series MA-23X (65)-2.) † Paper, 25c. ● Item 142-A  
C 3.158: MA-23X (65)-2
- 4341 — Steel power boilers, 1965. Nov. 18, 1966. 3 p. 4° (Series MA-34G (65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-34G (65)-1
- 4342 — Sulfuric acid, 1965. Dec. 13, 1966. 6 p. 4° (Series M28A (65)-13 supp. 1.) † Paper, 15c. ● Item 142-A C 3.158: M28A (65)-13/supp.1
- 4343 — Switchgear, switchboard apparatus, relays, and industrial controls, 1965. Dec. 10, 1966. 3 p. 4° (Series MA-36A (65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-36A (65)-1
- 4344 — Vending machines 1965. Dec. 20, 1966. 2 p. 4° (Series MA35U (65)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA35U (65)-1
- 4345 — Wiring devices and supplies, 1965. Dec. 22, 1966. 3 p. 4° (Series MA-36K (65)-1.) † Paper, 25c. ● Item 142-A  
C 3.158: MA-36K (65)-1
- 4346 — Woolen and worsted machinery activity, 1965. Dec. 28, 1966. 2 p. 4° (Series MA-22E (65)-1.) † Paper, 25c. ● Item 142-A  
C 3.158: MA-22E (65)-1
- 4347 — Yarn production, 1965 (preliminary). Dec. 15, 1966. 7 p. 4° (Series M22F (65)-13.) † Paper, 15c. ● Item 142-A  
C 3.158: M22F (65)-13/prelim.
- Current population reports: Series P-20, Population characteristics. \* Paper \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60 and P-65 for one year), \$1.25 additional for foreign mailing; single copy, 15c. ● Item 142-C C 3.186: P-20/(nos.)
- 4348 157. Negro population, Mar. 1966. Dec. 16, 1966. 2 p. 4°
- 4349 158. Educational attainment, Mar. 1966 and 1965. Dec. 19, 1966. 22 p. 4°
- 4350 159. Marital status and family status, Mar. 1966. Jan. 27, 1967. ii+14 p. ii. 4°
- Series P-23, Technical studies. \* Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60 and P-65 for one year), \$1.25 additional for foreign mailing; single copy, each 15c.
- 4351 21. Characteristics of selected neighborhoods in Cleveland, Ohio, Apr. 1965. Jan. 23, 1967. cover title, ii+41 p. ii. 4° ● Item 142-C C 3.186: P-23/21

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# GOVERNMENT PUBLICATIONS

- Current population reports: Series P-25, Population estimates. \* Paper, \$4.00, including series, P-20, P-23, P-25, P-27, P-28 summaries, P-60 and P-65 for one year), \$1.25 additional for foreign mailing; single copy, 15c. • Item 142-C C 3.186: P-25/(nos.)
- 4352 354. Estimates of population of States, by age, 1960-65, with provisional estimates for July 1, 1966. Dec. 8, 1966. 14 p. il. 4°
- 4353 355. Estimates of population of United States, Jan. 1, 1950-Nov. 1, 1966. Dec. 16, 1966. 2 p. 4°
- Series P-28, Special censuses.
- 4354 1431. Special census of Shreveport, La., June 15, 1966. Aug. 30, 1966. 24 p. il. 4° [Errata sheet, 2 p. issued also.] † Paper, 25c. C 3.186: P-28/1431
- Series P-60, Consumer income. \* Paper, \$4.00 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60 and P-65 for 1 year; \$1.25 additional for foreign mailing.
- 4355 51. Income in 1965 of families and persons in United States. Jan. 12, 1967. cover title, il+46 p. 4° • Paper, 25c. • Item 142-C C 3.186: P-60/51
- Geographic reports, GE-10 (series).
- 4356 4. Congressional district identification of counties and selected places (districts of 90th Congress). Dec. 1966. 65 p. 4° • Paper, 40c. • Item 146-B C 3.208: 10/no.4
- 4357 Population prospects in United States, by Conrad Taeuber, Assistant Director, Bureau of Census, lecture at Harpur College, University of New York at Binghamton, Binghamton, N.Y., Jan. 11, 1967. [1967.] 6 p. 4° † C 3.132: T 12
- 4358 Schedule C, classification of country designations used in compiling United States foreign trade statistics. Jan. 1, 1967 edition. [1967.] [1]+6 p. 4° † • Item 148 C 3.150: C/967
- 4359 Schedule D, code classification of United States customs districts and ports [used in compiling United States foreign trade statistics]. Jan. 1, 1967 edition. [1967.] [1]+5 p. 4° † • Item 148 C 3.150: D/967
- Series ISPO 1. (International Statistical Programs Office.)
- 4360 no. 1-1. Atlantida, case study in household sample surveys: Unit 7, Editing and coding. [Oct. 1966.] cover title, iv+60 p. 4° [Prepared under auspices of Agency for International Development, Department of State, as contribution to Alliance for Progress program. Pages 69-60 left blank for notes.] † Paper, 75c. • Item 146-F C 3.205/3: 1/no.1-J
- 4361 U.S. exports and imports, working-day and seasonal adjustment factors and months for cyclical dominance (MCD). Nov. 15, 1966. 8 p. il. 4° † • Item 160-B-1 C 3.235: 966
- 4362 U.S. waterborne foreign trade, summary report, FT 985, calendar year 1965; prepared in Foreign Trade Division. Dec. 28, 1966. 12 p. 4° † Paper, 10c. • Item 144 C 3.164: 985/965

## CHILDREN'S BUREAU, Health, Education, and Welfare Dept. Washington, D.C. 20201

- 4363 Daytime programs for children, basic goals and common elements. [1966.] cover title, [4]+8 p. narrow 8° † • Item 452 FS 14.102: D 33
- 4364 Directory of public training schools serving delinquent children; compiled by Kenneth S. Carpenter. [8th revision.] Oct. 1966. [4]+112 p. 4° [Text on p. 2 of cover.] † • Item 452 FS 14.102: T 68/966
- L.C. card L 40-161
- Publications. • Item 453 FS 14.111: (nos.)
- 4365 442. Dialogue on adolescence. 1967. vi+30 p. il. 4° [Includes list of selected Children's Bureau Publications.] • Paper, 30c. L.C. card HEW 67-19
- 4366 448. Light on subject of smoking. [1966.] 13 p. il. 4° • Paper, 15c.
- Statistical series.
- 4367 86. Personnel and personnel practices in public institutions for delinquent children, survey; by Leonard J. Hippchen, with statistical assistance by Daisy Lyons. 1966. [1]+29 p. 4° [Contents on p. 2 of cover.] † • Item 454 FS 14.113: 86
- L.C. card HEW 67-43

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CIVIL AERONAUTICS BOARD  
Washington, D.C. 20428

- 4368 Address by Robert T. Murphy, vice chairman, Civil Aeronautics Board, on occasion of Tony Jannus award banquet, Tampa, Fla., Jan. 20, 1967. 1967. 9 p. 4° † C 31.215: M 95/37
- 4369 Aircraft accident report: Eastern Air Lines, Inc., DC-7B, N849D in Atlantic Ocean 6.5 nautical miles south-southwest of Jones Beach, Long Island, N.Y., Feb. 8, 1965; [adopted Nov. 14, 1966]. Nov. 17, 1966. cover title, 25 p. 4 pl. 4° ([File 1-001.]) † C 31.213: J 711
- 4370 — TWA B-707, N748TW and EAL Lockheed Constellation N6218C, Carmel, N.Y., Dec. 4, 1965; [adopted Dec. 13, 1966]. Dec. 20, 1966. cover title, 16 p. 2 pl. 4° ([SA-389; File 1-0033.]) † C 31.213: C 211/2
- 4371 Certificated Alaska air routes, June 30, 1966; [map]. [1966.] 17 x 22 in. † C 31.217: A1 1s/966
- 4372 International and overseas air routes of United States carriers, including Hawaii and Alaska mainland routes, June 30, 1966; [map]. [1966.] 17 x 22 in. † C 31.217: In 85/966
- 4373 Routes to United States authorized to foreign air carriers of Eastern Hemisphere countries under permit, June 30, 1966; [map]. [1966.] 17 x 22 in. † C 31.217: Ea 7/966
- 4374 Routes to United States authorized to foreign air carriers of Western Hemisphere countries under permit, June 30, 1966; [map]. [1966.] 22 x 17 in. † C 31.217: W 52/966
- 4375 United States air transportation system routes certificated to local service carriers, June 30, 1966; [map]. [1966.] 17 x 22 in. † C 31.217: T 68/6/966
- 4376 United States air transportation system routes certificated to trunkline carriers, June 30, 1966; [map]. [1966.] 17 x 22 in. † C 31.217: T 68/7/966
- 4377 United States certificated cargo carriers, domestic, international and overseas routes, June 30, 1966; [map]. [1966.] 17 x 22 in. † C 31.217: C 19/966

CIVIL DEFENSE OFFICE (Army), Defense Dept.  
Washington, D.C. 20310

- 4378 Family guide, emergency health care, reference guide for students of medical self-help training course. [Revised 1966.] [1967.] cover title, iv+78+[6] p. ll. [Prepared in cooperation with Public Health Service, Health, Education, and Welfare Dept. The last 6 pages are left blank for notes.] † ● Item 857-D-8 D 119.8: H 34/966
- 4379 Federal civil defense guide: pt. A, chap. 1, app. 1, Policy on national goal for minimum protection factor of 40 for public fallout shelters. Dec. 1966. 4 p. ll. 4° [Issued in looseleaf form.] † ● Item 320-B-3 D 119.8/4: pt.A/chap.1/app.1
- 4380 — pt. E, chap. 1, app. 4, Public outdoor warning systems; including annex 1, General instructions for determining warning coverage, annex 2, Standard test procedure for civil defense outdoor warning devices, annex 3, Criteria for mobile voice sound equipment. Dec. 1966. [2]+8 p. ll. 4° [Issued in looseleaf form. Supersedes pt. E, chap. 1, app. 4, dated Mar. 1964, its annexes and ch. 1, dated July 1965, and ch. 2, dated Apr. 1966.] † ● Item 320-B-3 D 119.8/4: pt.E/chap.1/app.4
- 4381 — pt. F, chap. 5, app. 1, annex 3, Financial assistance for emergency operating centers. Sept. 1966. [1]+6 p. 4° [Issued in looseleaf form.] † ● Item 320-B-3 D 119.8/4: pt.F/chap.5/app.1/annex 3
- FG (series).
- 4382 F 3.6. Civil defense aspects of waterworks operations [with bibliography]. June 1966. vi+85 p. ll. 4° † ● Item 320-B-3 D 119.8/3: F 3.6  
L.C. card 67-60411

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# GOVERNMENT PUBLICATIONS

## Miscellaneous publication MP (series).

- 4383 42. This building has been marked and stocked as fallout shelter, members of organized labor, how does this affect you, at your union meetings? at your home? at your place of employment? while traveling? in public areas? Oct. 1966. [1]+4+[1] p. oblong 24" † ● Item 857-D-11 D 119.11: 42

## Technical report TR (series).

- 4384 40. Radiation shielding, analysis and design principles as applied to nuclear defense planning [papers; William R. Kimel, editor-in-chief. [1967.] vii+[896] p. il. large 8" [Prepared in cooperation with Kansas State University.] \* Cloth, \$6.00. ● Item 320-B-2 D 119.9: 40

## CIVIL RIGHTS COMMISSION Washington, D.C. 20425

- 4385 Report on Massachusetts housing discrimination in Springfield-Holyoke-Chicopee metropolitan area [with bibliography]; by Massachusetts State Advisory Committee to United States Commission on Civil Rights. Dec. 1966. vi+74 p. il. 4" † ● Item 288-A CR 1.2: H 81/4  
L.C. card 67-60468

## Urban studies: Cleveland.

- 4386 1. Children in need, study of federally assisted program of aid to needy families with children in Cleveland and Cuyahoga County, Ohio. 1966. v+55 p. † ● Item 288-A CR 1.11: C 59/no.1

## CIVIL SERVICE COMMISSION Washington, D.C. 20415

- 4387 Amendment to announcement 346B, meteorologist, grade 9-15, \$8,479-\$17,550 a year. Dec. 6, 1966. 1p. oblong 24" (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) [Amends Issue 174 of AN 2279.] † CS 1.26: 964/346B/amdt.-2
- 4388 Amendment to announcement 392 B, chemist, mathematician, metallurgist, physicist (grades 9-15, \$8,479 to \$17,550). Jan. 31, 1967. 1 p. oblong 12" (Interagency Board of U.S. Civil Service Examiners.) † CS 1.26: 966/392 B/amdt.
- 4389 Amendment to following examination announcements, 385 B, 329 B, 285 B, 147 B, 108 B. Jan. 9, 1967. 1 p. oblong 48" (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) † CS 1.26/3: amdt./966-11
- 4390 Announcing examination for accountant and auditor, \$6,211 and \$7,090 a year (grades GS-5 and GS-7), announcement 188 (revised). Mar. 17, 1959, revised Jan. 1967. [1967.] 8 p. 4" [No closing date.] † ● Item 292 CS 1.26: 959/188/rev.-7
- 4391 Announcing examination for apprentice-printing crafts, compositor, book-binder, pressman, machinist, lithographer, photoengraver, \$2.03 an hour, apply to Interagency Board of Civil Service Examiners for Washington, D.C., 1900 E Street, N.W., Washington, D.C. 20415, announcement WA-7-03. Jan. 10, 1967. [4] p. 4" [Closing date July 31, 1967.] † ● Item 292 CS 1.26/4: 967/WA-7-03
- 4392 Applications continuously accepted for mineral industries safety officer, grades 9, 11, 12, [salaries] \$7,696-\$10,927, apply to Interagency Board of U.S. Civil Service Examiners for Washington, D.C., 1900 E Street, N.W., Washington, D. C. 20415, announcement WA-7-05. Jan. 17, 1967. 4 p. 4" † ● Item 292 CS 1.26/4: 967/WA-7-05
- 4393 Careers for professional accountants in Federal agencies in Washington, D.C. area, grades 9-12, applications continuously accepted by Interagency Board of Civil Service Examiners for Washington, D.C., 1900 E St., N.W., Washington, D.C. 20415, announcement WA-7-07, Jan. 17, 1967. [1966.] 4 p. 4" † ● Item 292 CS 1.26/4: 967/WA-7-07

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- 4394 Careers in research forestry, research forester, forest products technologist, [opportunities for professional careers as research foresters and forest products technologists, grades 7-15, send applications to Interagency Board of Civil Service Examiners for Washington, D.C., 1900 E St., N.W., Washington, D.C. 20415, announcement WA-7-06]. Jan. 17, 1967. 7 p. il. 4° [No written test required. no closing date.] † ● Item 292  
CS 1.26/4: 967/WA-7-06
- 4395 Current Federal examination announcements, AN 2279, issue 175, Jan.-Feb. 1967. [1966.] [2] p. f°, folded into narrow 8° size. † ● Item 292  
CS 1.28: 2279/175
- 4396 —AN 2279, supp. A to issue 175, Jan.-Feb. 1967. [1967.] 1 p. oblong 24°  
† ● Item 292 CS 1.28: 2279/175/supp.A
- 4397 Examination for office aid, Federal career clerical positions throughout United States, \$69.00-\$82.00 a week, announcement 402. [1966.] 6 p. 4° [Opening date Jan. 10, 1967, closing date Feb. 6, 1967, test date Mar. 11, 1967.] † ● Item 292  
CS 1.26: 966/402
- Federal employees facts.
- 4398 3. Civil service retirement system. Dec. 1966. [6] p. il. narrow 8° \* Paper, \$2.50 per 100; single copy 5c. ● Item 293-A CS 1.59: 3/7
- 4399 Federal fund-raising manual, Change 8; Sept. 1966. [1966.] [24] p. 4° [Issued in looseleaf form.] \* Paper, \$1.50 (including basic manual and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 296-B CS 1.7/5: 963/ch. 8
- 4400 General amendment to examination announcements concerning location of positions. Dec. 6, 1966. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) †  
CS 1.26/3: amdt./966-10
- 4401 Guard GS-2 and GS-3, \$3,925 to \$4,269 a year, open to veterans and non-veterans, apply to Interagency Board of U.S. Civil Service Examiners for Washington, D.C., 1900 E Street NW., Washington, D.C. 20415, announcement WA-7-08 local. Jan. 31, 1967. 6 p. narrow 8° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) [Open continuously.] † ● Item 292  
CS 1.26/4: 967/WA-7-08
- 4402 Junior Federal assistant, examination to fill Federal career positions throughout United States, \$92.00 a week to start, announcement 406. [1966.] 6 p. 4° [Open date Jan. 24, 1967, closing date Feb. 20, 1967, test Mar. 25, 1967.] † ● Item 292  
CS 1.26: 967/406
- 4403 Maintenance and service workers in Washington, D.C., metropolitan area, wage board jobs paying \$1.40 to \$3.00 an hour (approximate rates), announcement WA-7-01 (local) Jan. 10, 1967. 4 p. 4° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C. 1900 E Street NW., Washington, D.C. 20415.) [Suspension date for non-veterans Jan. 31, 1967, open continuously for veterans.] † ● Item 292  
CS 1.26/4: 967/WA-7-01
- 4404 Opportunities for librarians in Federal service, grades 7-15, \$6,451-\$17,550 a year, applications continuously accepted by Interagency Board of U.S. Civil Service Examiners for Washington, D.C., 1900 E Street NW., Washington, D.C. 20415, announcement WA-7-04. Jan. 10, 1967. 5 p. 4° † ● Item 292  
CS 1.26/4: 967/WA-7-04
- 4405 Personnel Management Training Center. Jan. 1967. [2] leaves+20 p. il. (Office of Career Development.) † ● Item 295 CS 1.2: P 43/10
- 4406 Places where civil service examinations are held, AN 2300, Nov. 1966. [1966.] [2] p. large 8° †  
CS 1.28: 2300/27
- 4407 Policeman, examination for Washington, D.C. metropolitan police department, \$6,700 a year, applications continuously accepted by Interagency Board of Civil Service Examiners, 1900 E Street NW., Washington, D.C. 20415, announcement WA-7-02 (local). Jan. 17, 1967. 4 p. 4° † ● Item 292  
CS 1.26/4: 967/WA-7-02

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# GOVERNMENT PUBLICATIONS

- 4408 Salary supplement, salary supplement to examination announcements for positions in graded service. Nov. 1966. [2] p. 4° (AN 2500.) †  
● Item 292 CS 1.28: 2500/2
- 4409 Suspension notice to announcement WA-01-6 local, telephone operator. Jan. 16, 1967. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) †  
CS 1.26/4: 966/WA-01-6/notice
- 4410 United States Civil Service Commission announces examination for printer, monotype keyboard operator, printer, slug machine operator, \$4.32 an hour for duty in Government Printing Office, Washington, D.C., announcement 65B. July 17, 1956, revised Aug. 1966. [1966.] [2] p. 4° [No closing date.] †  
CS 1.26: 956/65 B/rev.3
- 4411 Writing and editing positions, printed media, radio, television, motion pictures, GS-9 [through] GS-12, \$7,696-\$10,927, applications continuously accepted by Interagency Board of U.S. Civil Service Examiners for Washington, D.C., 1900 E Street NW., Washington, D.C. 20415, announcement WA-7-09. Jan. 31, 1967. 4 p. 4° † ● Item 292  
CS 1.26/4: 967/WA-7-09

## COAST AND GEODETIC SURVEY, Commerce Dept. Washington, D.C. 20230

### Publication.

- 4412 30-3. Wave reporting procedures for tide observers in seismic sea wave warning system; [prepared by M. G. Spaeth, C. E. Arens, and B. D. Zetler]. 1966. viii+41 p. ll. 4° [Supersedes Special publication 294, Mar. 1, 1953, and all seismic sea wave reporting instructions issued pursuant thereto prior to June 1966.] \*Paper, 40c. ● Item 193  
L.C. card 67-60559 C 4.19/2: 30-3
- 4413 Tables of folded-sin x/x interpolation coefficients [with bibliography]; by Leslie F. Bailey. 1966. xv+161 p. 4° (Research paper.) \* Cloth, \$2.75. ● Item 192  
L.C. card 67-60356 C 4.2: In 8
- 4414 United States coast pilot 3, Atlantic Coast: Sandy Hook to Cape Henry. 8th (May 14, 1966) edition. 1966. v+189 p. ll. 4° [Corrected through NM-20/66. Cancels 7th (1961) edition.] † Cloth, \$2.50  
● Item 203 C 4.6/1: 3/8  
L.C. card 54-61674
- 4415 Volume 1, United States nautical chart catalog of Atlantic and Gulf Coast, including Puerto Rico and Virgin Islands, tide tables, coast pilots, current tables, tidal current charts. Dec. 1966. [2] p. oblong f°, folded into large 8° size. †  
C 4.5: 966-2/v. 1

## COAST GUARD, Treasury Dept. Washington, D.C. 20226

- 4416 Electronics maintenance manual, amdt. 6. Oct. 12, 1966. [70] p. ll. 4° (CG-165.) [Includes list of effective pages. Issued in looseleaf form.] † ● Item 934-A  
L.C. card 65-60864 T 47.8/3: E1 2/amdt.6
- 4417 Ordnance manual, U.S. Coast Guard, amdt. 1. Oct. 6, 1966. [106] p. 4° (CG-272.) [Issued in looseleaf form.] † ● Item 934-A  
T 47.8/3: Or 2/amdt.1
- 4418 Organization manual. [1966.] cover title, xix+[192] p. 18 pl. 4° (CG-229.) [Issued in looseleaf form. Supersedes Dec. 1962 edition and all amendments thereto.] † ● Item 934-A  
L.C. card 67-60416 T 47.8/3: Or 3/966
- 4419 Recreational boating guide, errata sheet. [1966.] 1 p. oblong 20° †  
T 47.8/3: B 63/966/errata

\*For Sale by Superintendent of Documents  
†Distribution Made by Issuing Office  
‡Official Use. Not Available

- 4420 Rules and regulations for bulk grain cargoes, subchapter M; Nov. 1, 1966. 1966. viii+21 p. il. (CG-266.) [Title 46, Code of Federal regulations, pt. 144. Replaces edition of July 1, 1964.] † ● Item 943  
T 47.8: G 76/966
- 4421 Rules of the road, western rivers, Sept. 1, 1966. 1966. viii+72 p. il. (CG-184.) [Replaces edition of June 1, 1962.] † ● Item 943  
L.C. card 11-35466 T 47.8: W 52/966
- 4422 Sound powered telephone talker's manual. [1966.] iii+52 p. il. oblong 32° (CG-385.) [Text and other illustrations on p. 2-4 of cover.] † ● Item 934-A T 47.8/3: T 23

COMMERCE DEPARTMENT  
Washington, D.C. 20230

NOTE.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

- 4423 Address by William Haddon, jr., Administrator of National Highway Safety Agency and National Traffic Safety Agency, Department of Commerce, prepared for delivery to student body of Bowdoin College, Brunswick, Maine, Dec. 11, 1966. [1966.] 9 p. 4° (USCOMM-DC-65004.) † C 1.18: H 11/5
- 4424 America's fertile crescent, address by James G. Morton, Special assistant to Secretary of Commerce, to Choanoke Area Development Association, Murfreesboro, N.C., Jan. 23, 1967. 1967. 18 leaves 4° (COMM-DC-38509.) † C 1.18: M 84/17
- 4425 Economic prospects for 1967, remarks by Lawrence C. McQuade, Assistant to Secretary of Commerce, prepared for delivery at luncheon meeting of financial analysts of New Orleans, La., Dec. 28, 1966. [1966.] 20 p. 4° † C 1.18: M 24/12
- 4426 Fair packaging and labeling act of 1966, remarks by Robert E. Giles, general counsel, Department of Commerce, to Food, Drug and Cosmetic Law Section, New York State Bar Association, New York City, Jan. 24, 1967. [1967.] 15 leaves, 4° † C 1.18: G 39/4
- 4427 Lux et veritas magnae gloriae de commerci et connori manifesti sunt, remarks by Lawrence C. McQuade, Assistant to Secretary of Commerce, prepared for delivery at National Yale Alumni Seminar, St. Louis, Mo., Jan. 21, 1967. [1967.] 22 p. 4° (Comm-DC-38511.) † C 1.18: M 24/13
- 4428 New capitalism, remarks by James G. Morton, Special Assistant to Secretary of Commerce, at annual banquet of Bethlehem Jaycees, Bethlehem, Pa., Jan. 17, 1967. 1967. 13 leaves 4° (COMM-DC-38498.) † C 1.18: M 84/16
- 4429 New patterns of industry-Government partnership in coming decade, [address by] J. Herbert Hollomon, Assistant Secretary of Commerce for Science and Technology, delivered at Conference on Challenge of Technology sponsored by National Industrial Conference Board, New York City, Nov. 30, 1966. [1966.] 11 p. 4° (USCOMM-DC-38490.) † C 1.18: H 72/26
- 4430 1967 outlook and 1966 year-end economic review; by John T. Connor. [1966.] 16 leaves, 4° (Comm-DC-38452.) † C 1.41: 967  
Overseas business reports OBR (series). [Issued irregularly.] \* Paper, \$13.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). ● Item 231-B C 1.50: (nos.)
- 4431 66-76. Establishing business in France [with bibliography]; prepared by Catherine M. Brodnan and Alexander Dauman. Nov. 1966. 10 p. 4° (Bureau of International Commerce.) [Supersedes WTIS pt. 1, no. 62-68.]
- 4432 66-77. Foreign trade regulations of Ghana: prepared in Africa Division, Office of International Regional Economics. Dec. 1966. 6 p. 4° [Supersedes WTIS, pt. 2, no. 62-32 and OBR 63-135.]

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Commerce, Springfield, Va. 22151

●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

## Overseas business reports OBR (series)—Continued

- 4433 66-78. Basic data on economy of Argentina [with bibliography]; prepared by James Michael von Stroebel. Dec. 1966. 36 p. il. 4° (Bureau of International Commerce.) [Supersedes OBR 33-84.]
- 4434 66-79. Basic data on economy of Israel [with bibliography]; prepared by Near East-South Asia Division, Office of International Regional Economics. Dec. 1966. 14 p. il. 4° (Bureau of International Commerce.) [Supersedes OBR 63-92.]
- 4435 66-80. Establishing business in Belgium [with bibliography]; prepared by Robert H. Walker. Dec. 1966. 19 p. 4° (Bureau of International Commerce.) [Supersedes OBR 63-113.]
- 4436 66-81. United States trade with major world areas, Jan.-Sept. 1965-66; [prepared in International Trade Analysis Division, Bureau of International Commerce]. Dec. 1966. 16 p. il. 4°
- 4437 66-85. Foreign trade regulations of Mozambique; prepared by Daniel E. Gardner. Dec. 1966. 7 p. 4° (Bureau of International Commerce.) [Supersedes WTIS, pt. 2, no. 61-19, 69-86, and 58-29.]
- 4438 66-86. Selling in India [with bibliography]; prepared in Near East-South Asia Division, Office of International Regional Economics. Dec. 1966. 10 p. 4° (Bureau of International Commerce.)
- 4439 66-87. Basic data on economy of Ceylon [with bibliography]; prepared in Near East-South Asia Division, Office of International Regional Economics. Dec. 1966. 10 p. il. 4° (Bureau of International Commerce.) [Supersedes OBR 63-90.]
- 4440 66-88. Selling in Greece [with bibliography]; prepared by Arthur J. Laemmerzahl. Dec. 1966. 5 p. 4° (Bureau of International Commerce.)
- 4441 66-89. Foreign trade regulations of Surinam; prepared by Frederic G. Kayser. Dec. 1966. 4 p. 4° (Bureau of International Commerce.)
- 4442 66-90. Foreign trade regulations of Dominican Republic; prepared by Walter Haldar. Dec. 1966. 7 p. 4° (Bureau of International Commerce.) [Supersedes WTIS, pt. 2, no. 62-49.]
- 4443 66-92. Basic data on economy of Portugal [with bibliography]; prepared by John Benedict and Richard Humbert. Dec. 1966. 11 p. il. 4° (Bureau of International Commerce.) [Supersedes WTIS, pt. 1, no. 60-44.]
- 4444 66-93. Establishing business in East Africa [with bibliography]; prepared by Douglas F. Carroll. Dec. 1966. 15 p. 4° (Bureau of International Commerce.) [Supersedes WTIS, pt. 1, no. 57-83.]
- 4445 66-94. Selling in Sweden [with bibliography]; prepared by Harold A. McNitt. Dec. 1966. 16 p. 4° (Bureau of International Commerce.)
- 4446 66-95. Foreign trade regulations of Paraguay; revised by Hilda Basora. Dec. 1966. 7 p. 4° (Bureau of International Commerce.) [Supersedes OBR 63-144.]
- 4447 Remarks by Roderick M. Gillies, executive director, U.S. Export Expansion Councils, for delivery at dinner meeting of York Area Chamber of Commerce and presentation of E award to York-Shipley, Inc., York, Pa., Jan. 24, 1967. [1967.] 4 p. 4° † C 1.18: G 41/2
- 4448 Remarks by Roderick M. Gillies, executive director, U.S. Export Expansion Councils, prepared for delivery at luncheon meeting of Minnesota-Dakota Regional Export Expansion Council and presentation of E award to A. R. Wood Manufacturing Co., at Minneapolis, Minn., Jan. 27, 1967. 1967. 5 p. 4° † C 1.18: G 41
- 4449 Remarks by Secretary of Commerce John T. Connor prepared for delivery at ceremony designating Four Corners Economic Development Region, at Department of Commerce, Washington, D.C., Dec. 19, 1966. [1966.] 3 p. 4° † C 1.18: C 76/103
- 4450 Remarks by Secretary of Commerce John T. Connor prepared for delivery at National Conference on State Technical Services, Washington, D.C., Dec. 14, 1966. 1966. 4 leaves 4° (USCOMM-DC-38434.) † C 1.18: C 76/102
- 4451 Shifting emphasis in transportation and its implications for research, remarks by Deputy Under Secretary for Transportation Research A. Scheffer Lang, prepared for delivery at 46th annual meeting of Highway Research Board, Jan. 19, 1967, Washington, D.C. [1967.] 6 p. 4° † C 1.18: L 25
- 4452 State technical services, discipline-oriented or problem-oriented? J. Herbert Hollomom, Assistant Secretary of Commerce for Science and Technology, address delivered at 1966 State Technical Services Conference, Washington, D.C., Dec. 15, 1966. [1966.] 8 p. 4° † C 1.18: H 72/27

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- 4453 Uniform highway safety performance standards, remarks by David W. Schoppert, Special Assistant to Under Secretary for Transportation, Department of Commerce, before Southern Regional Highway Safety Conference, Council of State Governments, New Orleans, La., Dec. 19, 1966. [1966.] 16 p. 4° † C 1.18: Sch 6
- 4454 United States Department of Commerce publications, catalog and index, 1965 supplement; [compiled and indexed by Evelyn M. Farmer with assistance of bureau representatives]. 1966. [3]+61 p. (Office of Publications.) \* Paper, 25c. • Item 128 L.C. card 52-60731 C 1.2: P 96/supp. 965
- 4455 Vice President Humphrey greets members of National Motor Vehicle Safety Advisory Council, text of remarks at opening session of National Motor Vehicle Safety Advisory Council, Washington, D.C., Jan. 19, 1967. [1967.] 4 leaves, 4° (National Traffic Safety Agency.) † C 1.18: H 88/2

### CONGRESS

- 4456 Congressional record, daily digest of 89th Congress, 1st session, v. 111, pt. 23 [Jan. 4-Oct. 22, 1965]. [Permanent edition.] 1965. [1]+D3-D672 p. 4° \* Cloth, \$2.75. • Item 993 X.89/1: 111/pt.23

NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break. Extraneous matter appearing in the Appendix is omitted from the permanent form of the Congressional record.

#### *Congressional serial set*

NOTE.—During each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

The following bound volumes were sent to depository libraries during the period of this catalog:

#### House document:

- 4457 no. 260, 89th Congress, 1st session, The Capitol and House of Representatives [Serial 12681-6]. • Item 995-G

#### 4458 Senate documents:

- no. 108, 89th Congress, 2d session, Status of Puerto Rico, vol. 2 [Serial 12719-2]. • Item 995-G  
no. 108, 89th Congress, 2d session, Status of Puerto Rico, vol. 3 [Serial 12719-3]. • Item 995-G  
no. 127, 89th Congress, 2d session, History of seals used by United States Senate, 1804-1966 [Serial 12719-6]. • Item 995-G  
no. 128, 89th Congress, 2d session, Acceptance of statue of Dennis Chavez, proceedings [Serial 12719-7]. • Item 995-G  
no. 129, 89th Congress, 2d session, Appropriations, budget estimates, etc. [Serial 12720]. • Item 995-E

#### ATOMIC ENERGY JOINT COMMITTEE Washington, D.C. 20515

- 4458A Atomic energy legislation through 89th Congress, 2d session; Dec. 1966. 1967. vi+342 p. (Joint committee print, 89th Congress, 2d session.) \* Paper, \$1.00. Y 4.A7 7/2: L 52/2/966  
L.C. card 57-61363

#### CONGRESS, JOINT COMMITTEE ON ORGANIZATION OF Washington, D.C. 20510

Organization of Congress, hearings, 89th Congress, 2d session, pursuant to S. Con. Res. 2. • Item 1009

L.C. card 65-61719 Y 4.C 76/3: Or 3/965/pt.15

- 4459 pt. 15. Appendix. 1966. iv+2225-2322 p. †

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Commerce, Springfield, Va. 22151  
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## GOVERNMENT PUBLICATIONS

### DEFENSE PRODUCTION JOINT COMMITTEE Washington, D.C. 20510

- 4460 Defense mobilization organization directory (including Defense production act, as amended). Nov. 1966. 46+[1] p. (Joint committee print, 89th Congress, 2d session.) [Includes telephone directory information. Supersedes Defense mobilization organization directory, Oct. 1965.] ‡  
L.C. card 52-60822 Y 4.D 36 : M 71/966

### ECONOMIC JOINT COMMITTEE Washington, D.C. 20510

- 4461 Contingency planning for U.S. international monetary policy, statements by private economists, submitted to Subcommittee on International Exchange and Payments. 1966. v+160 p. (Joint committee print, 89th Congress, 2d session.) \* Paper, 45c. • Item 1000 Y 4.Ec 7 : M 74/14
- 4462 U.S. economic growth to 1975, potentials and problems, study prepared for Subcommittee on Economic Progress. 1966. vi+63 p. il. (Joint committee print, 89th Congress, 2d session.) \* Paper, 25c. • Item 1000 Y 4.Ec 7 : Ec 7/16

### HOUSE OF REPRESENTATIVES Washington, D.C. 20515

- 4463 Agricultural trade development and assistance act of 1954 and amendments [July 10, 1954-Nov. 11, 1966]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1966. iv+54 p. \* Paper, 25c. • Item 998  
L.C. card 59-64132 Y 1.2 : Ag 8/6/966

### *House documents*

NOTE.—All House documents, entries or which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 79th Congress.

- 4464 303, v. 1. Foreign relations of United States, diplomatic papers, 1944: v. 1. General. 1966. vi+1554 p. 3 pl. 2 maps. ([State Dept. publication 8138; Historical Office, Bureau of Public Affairs.]) \* (Available in departmental edition, cloth, \$5.75, S 1.1:944/v. 1, and sent to depositories in that form. See Entry no. 5527.) †

House documents, 89th Congress.

- 4465 316. Unveiling of portrait of Wright Patman, chairman of Committee on Banking and Currency, House of Representatives, proceedings before Committee on Banking and Currency, May 18, 1966. 1966. [4]+38 p. il. †  
• Item 996
- 4466 483. Skagit River, Wash., letter from chief of engineers, Army, submitting report on interim report; Aug. 30, 1966. 1967. xxvi+114 p. il. 1 pl. 4<sup>o</sup> [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4739.] †
- 4467 495. Employees' life insurance fund, message from President of United States returning without approval bill (H.R. 6926). Sept. 13, 1966. 5 p. †  
• Item 996
- 4468 498. Report of Corregidor-Bataan Memorial Commission, message from President of United States transmitting 13th annual report, fiscal year 1966; Sept. 20, 1966. 1966. ili+2 p. † • Item 996  
L.C. card 59-60660
- 4469 499. 10th annual report of President of United States on trade agreements program for 1965, as required by sec. 402(a), of Trade expansion act of 1962: Sept. 20, 1966. 1966. v+56 p. il. \* (Available in departmental edition, 40c. PrEx 36.10:965. See Entry no. 5404.) • Item 996
- 4470 507. Mississippi River at Fort Madison, Iowa, letter from chief of engineers, Army, submitting report; Oct. 7, 1966. 1966. xlii+49 p. il. 1 pl. 4<sup>o</sup> [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4733.] †
- 4471 508. St. Lucie Inlet, Fla., letter from chief of engineers, Army, submitting report on review of report; Oct. 7, 1966. 1966. xlii+37 p. il. 1 pl. 4<sup>o</sup> [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4738.] †
- 4472 510. Mississippi River, agricultural areas from mile 195 to mile 300 above Ohio River, letter from chief of engineers, Army, submitting report on interim report on Mississippi River, flood protection; Oct. 10, 1966. 1966. xix+131 p. il. 3 pl. 4<sup>o</sup> [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4732.] †

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- 4473 512. Coast of Lake Erie, Elk Creek Harbor, Pa., letter from chief of engineers, Army, submitting report on interim report; Oct. 10, 1966. 1966. xi+54 p. 1 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4731.] †
- 4474 513. Biloxi Harbor, Miss., letter from chief of engineers, Army, submitting report on review of reports; Oct. 10, 1966. 1966. xi+61 p. ll. 2 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4730.] †
- 4475 514. Southport Harbor, N.C., letter from chief of engineers, Army, submitting report on review of reports; Oct. 10, 1966. 1966. xiv+37 p. ll. 1 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4740.] †
- 4476 518. Russian River, Calif., letter from chief of engineers, Army, submitting report on review of reports [with bibliography]; Oct. 10, 1966. 1966. lvi+318 p. ll. 5 pl. 1 tab. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4737.] †
- 4477 519. Pinellas County, Fla., letter from chief of engineers, Army, submitting report on review of report; Oct. 10, 1966. 1966. xv+77 p. ll. 1 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4735.] †
- 4478 523. 46th national report, Disabled American Veterans, 1966 [national convention, New York, N.Y., Aug. 8-12, 1966]; Oct. 13, 1966. 1967. x+356 p. 2 p. of por. † (Sent to depositories in serial set binding.)
- 4479 524. Teche-Vermillion basins, La., letter from chief of engineers, Army, submitting report; Oct. 17, 1966. 1966. xvi+113 p. ll. 2 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4741.] †

## House documents, 90th Congress.

- 4480 10. 38th annual report of work and operations of Gorgas Memorial Laboratory, fiscal year 1966 [and audit report, fiscal year 1966] letter from President, Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., transmitting annual report; Jan. 10, 1967. x+34 p. ll. † [Corrected print.] • Item 996  
L.C. card 31-26268
- 4481 15, pt. 1. Budget of United States Government, fiscal year 1968. 1967. 478 p. ll. [Edge index and how to use on p. 4 of cover.] • (Available in departmental edition, \$1.50, PrEx 2.8:968, and sent to depositories in that form. See Entry no. 4256.)
- 4482 15, pt. 2. Same: District of Columbia. 1967. 76 p. 4° • (Available in departmental edition, 45c., PrEx 2.8/4:968, and sent to depositories in that form. See Entry no. 4258.)
- 4483 16. Same: Appendix. 1967. 1316 p. 4° [Edge index and how to use on p. 4 of cover.] • (Available in departmental edition, \$6.50, PrEx 2.8:968/app., and sent to depositories in that form. See Entry no. 4257.)
- 4484 19. 32nd annual report, Securities and Exchange Commission, fiscal year 1966. [1966.] xviii+169 p. ll. • (Available in departmental edition, 55c., SE 1.1:996, and sent to depositories in that form. See Entry no. 5483.)
- 4485 23. Reports to be made to Congress, letter from clerk, House of Representatives, transmitting list of reports which it is duty of any officer or department to make to Congress, pursuant to rule 3, clause 2 of Rules of House of Representatives. Jan. 10, 1967. 57 p. † • Item 996.  
L.C. card 9-35340
- 4486 28. Economic report of the President, transmitted to Congress Jan. 1967, together with annual report of Council of Economic Advisors. 1967. iv+314 p. ll. • (Available in departmental edition, \$1.25, Pr 36.9:967, and sent to depositories in that form. See Entry no. 5406.)
- 4487 32. 4th annual report of U.S. Advisory Commission on International Educational and Cultural Affairs, letter from chairman transmitting 4th annual report; Jan. 10, 1967. 1967. lii+14 p. [Corrected print. 1st print read 4th special report instead of 4th annual report.] † • Item 996  
L.C. card 63-61480
- 4488 35. Examination of financial statements of Federal National Mortgage Association, Department of Housing and Urban Development, letter from Comptroller General transmitting report fiscal year 1965; Jan. 10, 1967. 1967. [5]+24 p. † • Item 996
- 4489 36. 45th annual report of Board of Actuaries of Civil Service Retirement System, letter from chairman, Civil Service Commission, transmitting report, fiscal year 1965; Jan. 10, 1967. 1967. v+21 p. † • Item 996  
L.C. card 22-20097
- 4490 38. Report of operations of Postal Savings System 1966, letter from chairman, Board of Trustees, Postal Savings System, transmitting report for fiscal year 1966. Jan. 10, 1967. 7 p. † • Item 996  
L.C. card 13-35115
- 4491 41. Appalachian regional development act, 1965, communication from President of United States transmitting recommendation that Congress extend Appalachian regional development act of 1965. Jan. 23, 1967. 2 p. † • Item 996
- 4492 42. Supplemental appropriation for military operations in southeast Asia, for fiscal 1967. Jan. 24, 1967. 7 p. † • Item 996

# GOVERNMENT PUBLICATIONS

## House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on private bills, 89th Congress. † House Document Room, Capitol. ● Item 1008-B

- 4493 1552. Authorizing Eugene J. Keogh of New York to accept award of Order of Isabella the Catholic. Report from Committee on Foreign Affairs to accompany H.R. 11227. May 24, 1966. 2 p.
- 4494 1800. Conveying certain lands in Inyo County, Calif. Report from Committee on Interior and Insular Affairs to accompany H.R. 9520. Aug. 2, 1966. 6 p. (Special offer).
- 4495 1805. Harriet C. Chambers. Report from Committee on Agriculture to accompany S. 2104. Aug. 3, 1966. 4 p. (Special offer).
- 4496 1806. Land transfer to Danville, Ill. Report from Committee on Veterans' Affairs to accompany H.R. 16407. Aug. 4, 1966. 3 p. (Special offer).
- 4497 2027. Permitting Edward C. Bower to serve as director of Virgin Islands National Bank. Report from Committee on Banking and Currency to accompany H.R. 13612. Sept. 12, 1966. 2 p.

House reports on public bills, 89th Congress. † House Document Room, Capitol. (No. 1678, pt. 2 is sold by Superintendent of Documents.) ● Item 1008-A (except Reports 1791 and 1873)

- 4498 1678, pt. 2. Civil rights act of 1966. Additional and minority views from Committee on Judiciary to accompany H.R. 14765. July 14, 1966. 53 p. \* Paper, 20c. (Special offer.)
- 4499 1734. Interstate compact defining boundary between Arizona and California. Report from Committee on Judiciary to accompany S. 3249. July 19, 1966. 5 p.
- 4500 1701. Consideration of H.R. 15639. Report from Committee on Rules to accompany H. Res. 950. Aug. 1, 1966. 1 p. (Not sent to depository libraries.)
- 4501 1834. Amending charter of Georgetown University. Report from Committee on District of Columbia to accompany H.R. 16863. Aug. 11, 1966. 5 p. (Special offer.)
- 4502 1868. Expansion of purchasing authority of Federal National Mortgage Association. Conference report to accompany S. 3688. Aug. 24, 1966. 4 p. (Special offer.)
- 4503 1873. Transferring to Atomic Energy Commission complete administrative control approximately 78 acres of public domain land located in Otowi section near Los Alamos County. Report from Committee on Interior and Insular Affairs to accompany H.R. 16813. Aug. 24, 1966. 4 p. † (Not sent to depository libraries.)
- 4504 2175. District of Columbia minimum wage amendments act of 1966. Conference report to accompany H.R. 8126. Oct. 3, 1966. 16 p. (Special offer.)
- 4505 2198, pt. 2. Postal systems of United States Armed Forces, Vietnam and Thailand, pt. 2. [Report from] Committee on Post Office and Civil Service; Dec. 28, 1966. 1966. vi+26 p. ll.
- 4506 2222. Joseph H. Hirschhorn Museum and Sculpture Garden. Report from Committee on Public Works to accompany S. 3389. Oct. 11, 1966. 13 p. (Special offer.)
- 4507 2329. Benefits for veterans of Vietnam service. Report from Committee on Veterans' Affairs to accompany S. 3580. Oct. 20, 1966. 15 p.
- 4508 2339. Organization and operation of Small Business Administration, 1966. Report of Select Committee on Small Business, pursuant to H. Res. 13, Dec. 29, 1966. 1966. vii+72 p.
- 4509 2340. Small business investment program of Small Business Administration, 1966. Report of Select Committee on Small Business, 89th Congress, 2d session, pursuant to H. Res. 13; Dec. 29, 1966. 1966. vii+67 p. L.C. card 67-60347
- 4510 2341. Small business subcontracting and set-aside programs. Report of Subcommittee on Government Procurement to Select Committee on Small Business, pursuant to H. Res. 13; Dec. 29, 1966. 1966. x+160 p.
- 4511 2342. Role of small business in air transportation industry. Report of subcommittees nos. 4 and 6 to Select Committee on Small Business, pursuant to H. Res. 13; Dec. 29, 1966. 1967. vii+90 p.
- 4512 2343. Small business problems in urban areas. Report of Subcommittee no. 5, of Select Committee on Small Business, pursuant to H. Res. 13; Dec. 29, 1966. 1966. vii+296 p. ll. L.C. card 67-60668
- 4513 2344. Activities of regulatory and enforcement agencies relating to small business (Federal Communications Commission). Report of Subcommittee no. 6, to Select Committee on Small Business, pursuant to H. Res. 13; Dec. 29, 1966. 1966. vii+244 p. ll.
- 4514 2345. Problems of tool and die industry, and associated problems of manufacturers and distributors of machine tools. Report of Subcommittee on Special Investigations of Small Business Problems to Select Committee on Small Business, 89th Congress, 2d session, pursuant to H. Res. 13; Dec. 29, 1966. 1966. vii+25 p. L.C. card 67-60345

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- 4515 2346. Activity of Committee on Interstate and Foreign Commerce, 89th Congress, 2d session. Report of Committee on Interstate and Foreign Commerce; Dec. 30, 1966. 1966. iii+39 p.
- 4516 2348. Campaign Expenditures Committee. Report of Special Committee to Investigate Campaign Expenditures, 1966, pursuant to H. Res. 929; Jan. 3, 1967. 1967. v+141 p. il. L.C. card 67-60404
- 4517 2349. Report of special investigation into expenditures during 89th Congress by House Committee on Education and Labor and clerk-hire status of Y. Majories Flores (Mrs. Adam C. Powell), hearings, Dec. 19-30, 1966 [from] Committee on House Administration, Special Subcommittee on Contracts. 1967. vii+135 p. il. 4 pl. L.C. card 67-60344

House reports on public bills, 90th Congress. † House Document Room, Capitol. • Item 1008-A

- 4518 2. Creating select committee to conduct studies and investigations of problems of small business. Report from Committee on Rules to accompany H. Res. 53. Jan. 31, 1967. 1 p.
- 4519 3. To continue Joint Committee on Organization of Congress. Report from Committee on Rules to accompany H. Con. Res. 51. Jan. 31, 1967. 1 p.

### **Agriculture Committee, House** Washington, D.C. 20515

- 4520 Agricultural legislation in 89th Congress, review of legislation enacted during 1st and 2d sessions of 89th Congress relating to agriculture; Dec. 15, 1966. 1966. iv+[1]+59 p. (Committee print, 89th Congress, 2d session.) † Y 4.Ag 8/1: L 52/966  
L.C. card 56-62467
- 4521 Bread price study, report of Subcommittee on Wheat, 89th Congress, 2d session; Oct. 20, 1966. 1966. ii+13 p. il. (Committee print, 89th Congress, 2d session.) † Y 4.Ag 8/1: B 74/4  
L.C. card 67-60635

### **Armed Services Committee, House** Washington, D.C. 20515

- 4522 Index of reports made by House Committee on Armed Services, during 2d session of 89th Congress, 1966. 1966. iv p. † Y 4.Ar 5/2: R 29/2
- 4523 Laws, Armed Services Committee, House of Representatives, 1st and 2d sessions, 1965-66. 1966. xvi p. † Y 4.Ar 5/2: L 44  
[Papers], 89th Congress. † • Item 1012 Y 4.Ar 5/2a: 965-66/(nos.)  
NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.
- 4524 73. Subcommittee no. 1 consideration of H.R. 15485, to authorize exchange of certain fluor spar and ferromanganese held in national and supplemental stockpiles, and H.R. 13320, to authorize disposal of industrial diamond stones from national stockpile and supplemental stockpile. [1966.] p. 9585-9608.
- 4525 96. Report of Special Subcommittee on Commercial Air Transportation for Service Personnel While on Authorized Leave, 89th Congress, 2d session; Oct. 10, 1966. 1966. ii+11079-87 p. L.C. card 66-62714
- 4526 100. Full committee consideration of S. 3500, to authorize the President to advance Maj. Gen. Robert Wesley Colglazier, jr. to grade of Lieutenant general, and H.R. 18019, to authorize Secretary of Army to construct addition at Walter Reed Army Medical Center, Washington, D.C. [1966.] p. 11701-703.
- 4527 Statement of Secretary of Defense Robert S. McNamara before House Armed Services Committee on fiscal year 1968-72 defense program and 1968 defense budget. [1967.] [1]+viii+209 leaves, 4° \* Paper, \$2.00.  
• Item 1012 Y 4.Ar 5/2: D 36/9

### **Banking and Currency Committee, House** Washington, D.C. 20515

- 4528 Bank stock ownership and control, staff report for Subcommittee on Domestic Finance, 89th Congress, 2d session, Dec. 29, 1966, 1966 [published 1967]. vii+85 p. 1 tab. (Subcommittee print.) † Y 4.B 22/1: St 6/3

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Commerce, Springfield, Va. 22151

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*District of Columbia Committee, House*  
Washington, D.C. 20515

- 4529 Legislation relating to District of Columbia, summary report, 89th Congress; Oct. 22, 1966. 1966. iii+21 p. (Committee print.) ‡  
L.C. card 67-60324 Y 4.D 63/1: L 52/966

*Education and Labor Committee, House*  
Washington, D.C. 20515

- 4530 Activities and accomplishments of Committee on Education and Labor, House of Representatives, during 89th Congress (1965-66); Jan. 1967. 1967. vi+86 p. (Committee print.) ‡ Y 4.Ed 8/1: Ac 8/965-66
- 4531 To amend Welfare and pension disclosure act, hearings before General Subcommittee on Labor, 89th Congress, 2d session, on H.R. 11778, Aug. 22, 1966. 1967. iii+7 p. † ● Item 1015 Y 4.Ed 8/1: W 45/7/966  
L.C. card 67-60601
- 4532 Vocational education amendments of 1966, hearings before General Subcommittee on Education, 89th Congress, 2d session, on H.R. 15444 and H.R. 15445. ● Item 1015 Y 4.Ed 8/1: V 85/966/pt.1,2  
pt. 1. June 9-24, 1966. 1967. vi+1-399 p. ll. †  
pt. 2. July 12-Aug. 18, 1966. 1967. vii+401-912 p. ll. †

*Foreign Affairs Committee, House*  
Washington, D.C. 20515

- 4533 Recent development in East-West relations, hearing before Subcommittee on Europe, 89th Congress, 2d session, Oct. 18, 1966. 1966 [published 1967]. iii+95 p. † ● Item 1017 Y 4.F 76/1: Ea 7/3  
L.C. card 67-60616
- 4534 Staff memorandum on foreign assistance program authorizations and appropriations for fiscal year 1965; Oct. 21, 1964. 1964. v p. (Committee print, 88th Congress, 2d session.) ‡ Y 4.F 76/1: F 76/31/965
- 4535 Staff memorandum on foreign assistance authorizations and appropriations for fiscal years 1966 and 1967, 89th Congress (1965-66); Oct. 21, 1966. 1966. [1]+3 p. (Committee print, 89th Congress, 2d session.) ‡  
L.C. card 67-60687 Y 4.F 76/1: F 76/31/966-67
- 4536 Survey of activities of Committee on Foreign Affairs, House of Representatives, 89th Congress (Jan. 4, 1965-Oct. 22, 1966); [prepared by June Nigh]. 1966. vii+126 p. (Committee print.) ‡  
L.C. card 50-60443 Y 4.F 76/1: Ac 8/965-66

*Government Operations Committee, House*  
Washington, D.C. 20515

- 4537 Case study of utilization of Federal laboratory resources, study submitted to Research and Technical Programs Subcommittee by Science Policy Research Division, Legislative Reference Service, Library of Congress; Nov. 1966. 1966. ix+141 p. ll. 1 tab. (Committee print, 89th Congress, 2d session.) ‡ Y 4.G 74/7: L 11  
L.C. card 67-60182
- 4538 Compiled statutes, Committee on Government Operations; Dec. 1966. 1966. vii+240 p. (Committee print, 89th Congress, 2d session.) ‡ Y 4.G 74/7: St 2/2  
L.C. card 67-60329
- 4539 Economic report on milk and bread prices, report by Federal Trade Commission; Nov. 1966. 1966. x+56 p. ll. (Committee print, 89th Congress, 2d session.) ‡ Y 4.G 74/7: M 59/10  
L.C. card 67-60328
- 4540 Federal real and personal property, inventory report (civilian and military) of United States Government covering its properties located in United States, in Territories, and overseas, as of June 30, 1966. 1966. vii+458 p. ll. (Committee print.) ‡ Y 4.G 74/7: P 94/966  
L.C. card 57-60196

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

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- 4541 Results from recommendations made during 88th Congress in reports of Committee on Government Operations; July 1966. 1966. v+110 p. (Committee print, 89th Congress, 2d session.) † Y 4.G 74/7: R 24/2/966  
L.C. card 67-60690

- 4542 Short life of electric light bulb, report prepared by Government Activities Subcommittee; Oct. 1966. 1966. vi+69 p. il. (Committee print, 89th Congress, 2d session.) † Y 4.G 74/7: E1 2/4  
L.C. card 66-62985

## House Administration Committee, House Washington, D.C. 20515

- 4543 Election reform act of 1966; Oct. 15, 1966. 1966. iv+51 p. (Committee print, 89th Congress, 2d session.) † Y 4.H 81/3: E1 2/4  
L.C. card 67-60331

- 4544 Hearings before Special Subcommittee on Contracts, 89th Congress, 2d session, relating to investigation into expenditures during 89th Congress by House Committee on Education and Labor, and clerk-hire payroll status of Y. Marjorie Flores, Dec. 19-30, 1966. 1967. iii+380 p. il. 2 pl. † ● Item 1018 Y 4.H 81/3: Ex 7  
L.C. card 67-60336

## Interior and Insular Affairs Committee, House Washington, D.C. 20515

- 4545 Accomplishments of Committee on Interior and Insular Affairs during 89th Congress; Nov. 1966. 1966. vii+36 p. (Committee print no. 30, 89th Congress, 2d session.) † Y 4.In 8/14: Ac 2/966  
L.C. card 56-60181

[Committee hearings] serial, 89th Congress.

- 4546 35. Disposition of geothermal steam, hearings before Subcommittee on Mines and Mining, 89th Congress, 2d session, on H.R. 7334, H.R. 10204, S. 1674, and related bills. † ● Item 1023 Y 4.In 8/14: 89-35/pt.2  
L.C. card 66-61978  
pt. 2. July 12-Sept. 1, 1966. 1966. iv+125-311 p. il.

## Interstate and Foreign Commerce Committee, House Washington, D.C. 20515

- 4547 Compilation of selected public health laws, including particularly Public Health Service act, Clean air act, Solid waste disposal act, Mental retardation facilities and community mental health centers construction act, and Federal water pollution control act, Mar. 1966. 1966. viii+[1]+263+[1] p. (Committee print.) [Includes Edge index and how to use.] † Y 4.In 8/4: P 96/26/966  
L.C. card 66-62296

## Judiciary Committee, House Washington, D.C. 20515

[Committee hearings] serial, 89th Congress.

- 4548 23. Guidelines for school desegregation, hearings before Special Subcommittee on Civil Rights, 89th Congress, 2d session, Dec. 14-16, 1966. 1966. iii+289+A157 p. † ● Item 1020 Y 4.J 89/1: 89/23  
L.C. card 67-60603

- 4549 Summary of activities of Committee on Judiciary, 89th Congress; Nov. 1966. 1966. ii+36 p. (Committee print, 89th Congress, 2d session.) † Y 4.J 89/1: Ac 8/966

## Merchant Marine and Fisheries Committee, House Washington, D.C. 20515

- 4550 Abridged chronology of events related to Federal legislation for oceanography, 1956-66 [with selected bibliography]; prepared by [Florence Broussard], Library of Congress, Legislative Reference Service, July 15, 1965, revised Jan. 9, 1967. 1966 [published 1967]. v+39 p. (Committee print, 89th Congress, 2d session.) † Y 4.M 53: Oc 2/8/956-66  
L.C. card 67-60681

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Commerce, Springfield, Va. 22151

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## GOVERNMENT PUBLICATIONS

- 4551 Administration of Cargo preference act, compilation of correspondence relating to concessional sales of surplus agricultural commodities; Dec. 15, 1966. 1966. iii+30 p. (Committee print. 89th Congress, 2d session.)  
 ‡ Y 4.M 53: C 19/5  
 [Committee hearings] serial, 89th Congress. ● Item 1021
- 4552 32. Merchant marine legislation, 1966, hearings before Subcommittee on Merchant Marine, 89th Congress, 2d session, on H.R. 8000, [and other bills], June 13-Oct. 5, 1966. 1966. vi+384 p. ‡  
 L.C. card 67-60146 Y 4.M 53: 89-32

### *Post Office and Civil Service Committee, House* Washington, D.C. 20515

- 4553 Annual and sick leave for maritime employees, hearing before Subcommittee on Civil Service, 89th Congress, 2d session, on H.R. 3002, Mar. 1, 1966. 1966. iii+17 p. ‡ ● Item 1022  
 L.C. card 66-62719 Y 4.P 84/10: L 48/6
- 4554 Report on inspection tour of United States Envelope Company [by] Subcommittee on Postal Facilities and Modernization, Sept. 1966. 1966. iii+3 p. (Committee print.) ‡  
 L.C. card 67-60638 Y 4.P 84/10: Un 3/2
- 4555 Rules of Committee on Post Office and Civil Service, as amended to Aug. 1965; Oct. 1965. 1965. v+8 p. ‡ Y 4.P 84/10: R 86
- 4556 Salary and retirement annuity increases of Federal classified and postal employees, 1945-66; Dec. 1966. 1966. ii+5 p. (Committee print, 89th Congress, 2d session.) ‡  
 L.C. card 67-60637 Y 4.P 84/10: Sa 3/15
- 4557 Summary of activities of Committee on Post Office and Civil Service during 89th Congress; Nov. 1966. 1966. v+65 p. (Committee print.) ‡  
 L.C. card 51-61514 Y 4.P 84/10: Ac 8/966

### *Public Works Committee, House* Washington, D.C. 20515

- [Committee hearings, serial] 89th Congress.
- 4558 46. Status and progress of economic development programs, hearings before Special Subcommittee on Economic Development Programs, 89th Congress, 2d session, Aug. 11-23, 1966. 1967. iv+325 p. ii. ‡ ● Item 1024  
 L.C. card 67-60839 Y 4.P 90/11: 89-46

### *Rules Committee, House* Washington, D.C. 20515

- 4559 Policies and guidelines of commissioner of education on school desegregation, report in regard to H. Res. 826; Oct. 11, 1966. 1966. [1]+4 p. (Committee print, 89th Congress, 2d session.) [Includes minority views.] ‡  
 L.C. card 66-62901 Y 4.R 86/1: Sch 6/3

### *Science and Astronautics Committee, House* Washington, D.C. 20515

- 4560 Report on activities of Committee on Science and Astronautics, House of Representatives, 89th Congress, 1st and 2d sessions. 1966. iii+13 p. (Serial T; Committee print.) ‡  
 L.C. card 59-62466 Y 4.Sci 2: 89-2/T

### *Small Business, Select Committee on, House* Washington, D.C. 20515

- 4561 Congress and monopoly problem, history of congressional action in anti-trust field, 1890-1966, 75 years, prepared by Legislative Reference Service of Library of Congress. 1966. xiv+566 p. (Committee print. 89th Congress, 2d session.) \* Paper, \$1.75. Y 4.Sm 1: An 8/890-966

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 †Official Use. Not Available

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- 4562 Tax-exempt foundations and charitable trusts, their impact on our economy, 4th installment, subcommittee chairman's report to Subcommittee no. 1, 89th Congress; Dec. 21, 1966. 1966. v+59 p. oblong 8" (Committee print.) [Errata, 1 p. oblong 48" attached to p. 59.] \* Paper, 45c. L.C. card 63-60464 Y 4.Sm 1: T 19/2/4th inst.

### *Veterans' Affairs Committee, House* Washington, D.C. 20515

- 4563 Medical research in Veterans' Administration, fiscal year 1966; Dec. 30, 1966. 1967. xiv+577 p. (House committee print 247, 89th Congress, 2d session.) †  
L.C. card 57-60875 Y 4.V 64/3: M 46/10/965-66

### *Ways and Means Committee, House* Washington, D.C. 20515

- 4564 Legislative history of H.R. 10650, 87th Congress, Revenue act of 1962, Public law 87-834, 90th Congress, 1st session; prepared by Staff.  
Y 4.W 36: R 32/64/962/pt.1  
pt. 1. 1967. xvii+1-1438 p. il. \* Paper, \$4.00.
- 4565 Structure of Federal excise tax on cigars, prepared by staffs of Treasury Department and Joint Committee on Internal Revenue Taxation; Oct. 21, 1966. 1966. iii+30 p. il. (Committee print, 89th Congress, 2d session.) †  
L.C. card 67-60184 Y 4.W 36: C 48/4

### INTERNAL REVENUE TAXATION JOINT COMMITTEE Washington, D.C. 20515

- 4566 Summary of act temporarily suspending investment credit and limiting use of accelerated depreciation (H.R. 17607, 89th Congress, Public law 89-800), prepared by staff of Joint Committee on Internal Revenue Taxation; Dec. 9, 1966. 1966. iii+23 p. †  
L.C. card 67-60323 Y 4.In 8/11: In 8/10
- 4567 Summary of Senate amendments to H.R. 13103, Foreign investors tax act of 1966, Presidential election campaign fund act, and other amendments, prepared for House and Senate conferees on H.R. 13103 by staff of Joint Committee on Internal Revenue Taxation; Oct. 18, 1966. 1966. [1]+19 p. †  
L.C. card 67-60640 Y 4.In 8/11: In 8/12
- 4568 Summary of Senate amendments to H.R. 17607, suspensions of investment credit and accelerated depreciation, prepared for House and Senate conferees by staff of Joint Committee on Internal Revenue Taxation; Oct. 17, 1966. 1966. [1]+7 p. †  
L.C. card 67-60639 Y 4.In 8/11: In 8/11

### SENATE Washington, D.C. 20510

#### *Senate documents*

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 89th Congress.

- 4569 113. North Nashua River and tributaries, Merrimack River basin, Mass., letter from chief of engineers, Army, submitting report on interim survey; Oct. 6, 1966. 1966. xxi+148 p. il. 1 pl. 4" [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4734.] †
- 4570 128. Acceptance of statue of Dennis Chavez, presented by New Mexico, proceedings in rotunda, United States Capitol, Mar. 31, 1966. 1966. iii+49 p. 3 pl. † ● Item 996  
L.C. card 67-60407
- 4571 130. Aspects of intellectual ferment in Soviet Union, prepared by Sergius Yakobson, senior specialist in Russian affairs, legislative Reference Service, and Robert V. Allen, area specialist (U.S.S.R.), Slavic and Central European Division, Library of Congress; Oct. 17, 1966. 1966. vi+27 p. \* Paper, 15c. ● Item 996

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Commerce, Springfield, Va. 22151  
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## Senate documents, 89th Congress—Continued

- 4572 131. Summaries of laws and treaties of general interest, supplement to Republican report on 2d session, 89th Congress (Senate document 116), by Everett McKinley Dirksen of Illinois, minority leader; Oct. 14, 1966. 1966. v+35 p. † ● Item 996

## Senate documents, 90th Congress.

- 4573 2. Judgments rendered by Court of Claims, year ended Sept. 30, 1966. 1967. [1]+26 p. † ● Item 996

## Senate executive documents

### Senate executive documents, 90th Congress, 1st session. †

Y 1.90/1: (letters)

- 4574 A. Amendment to art. 109 of charter of United Nations, message from President of United States transmitting amendment to art. 109 of charter of United Nations adopted by General Assembly of United Nations on Dec. 20, 1965, and set forth in General Assembly resolution 2101 (XX); Jan. 23, 1967. 1967. [1]+4 p.
- 4575 B. Supplementary income-tax convention with Canada, message from President of United States transmitting supplementary convention signed Washington Oct. 25, 1966, modifying and supplementing convention and accompanying protocol of Mar. 4, 1942 for avoidance of double taxation and prevention of fiscal evasion in case of income taxes as modified by supplementary conventions of June 12, 1950, and Aug. 8, 1956; Jan. 26, 1967. 1967. v+2 p.

## Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

### Senate reports on private bills, 89th Congress. † Senate Document Room, Capitol. ● Item 1008-B

- 4576 1045. Compensation for cancellation of grazing permits. Report from Committee on Judiciary to accompany S. 1375. Mar. 2, 1966. 29 p.
- 4577 1743. Permitting use of vessel John F. Drews in coastwise trade while owned by citizen of United States. Report from Committee on Commerce to accompany H.R. 14517. Oct. 14, 1966. 4 p.
- 4578 1792. George R. Lore. Report from Committee on Judiciary to accompany H.R. 3536. Oct. 18, 1966. 4 p.
- 4579 1816. Robert A. Jellison. Report from Committee on Judiciary to accompany H.R. 17290. Oct. 18, 1966. 2 p. (Special offer).
- 4580 1830. Jesse C. Johnson. Report from Committee on Judiciary to accompany S. 2254. Oct. 18, 1966. 3 p. (Special offer).

### Senate reports on public bills, 89th Congress. † Senate Document Room, Capitol. ● Item 1008-A (except Reports 1334 and 1548)

- 4581 1030. Relief of certain classes of civilian employees of naval installations erroneously in receipt of wages due to misinterpretation of personnel instructions. Report from Committee on Judiciary to accompany H.R. 2627. Mar. 2, 1967. 6 p. (Special offer).
- 4582 1834. Abusive and harassing telephone calls. Report from Committee on Commerce to accompany S. 2825. June 27, 1966. 10 p. (Not sent to depository libraries).
- 4583 1396. To control use of design of great seal of United States and of seal of President of United States. Report from Committee on Judiciary to accompany S. 2770. July 21, 1966. 3 p. (Special offer).
- 4584 1539. Continued suspension of duty on certain tanning extracts. Report from Committee on Finance to accompany H.R. 12328. Aug. 30, 1966. 3 p. (Special offer).
- 4585 1546. Improving aids to navigation services of Coast Guard. Report from Committee on Commerce to accompany S. 3715. Aug. 30, 1966. 8 p. (Special offer).
- 4586 1548. Exempting certain contracts from examination-of-records clause. Report from Committee on Armed Services to accompany H.R. 3041. Aug. 30, 1966. 10 p. (Not sent to depository libraries).
- 4587 1569. Norfolk Naval Shipyard employees. Report from Committee on Judiciary to accompany H.R. 7446. Aug. 31, 1966. 8 p. (Special offer).
- 4588 1585. SBIC amendments of 1966. Report from Committee on Banking and Currency to accompany S. 3695. Sept. 1, 1966. 30 p. (Special offer).
- 4589 1812. Certain members and former members of Army. Report from Committee on Judiciary to accompany H.R. 14615. Oct. 18, 1966. 4 p. (Special offer).

### Senate reports on public bills, 90th Congress. † Senate Document Room, Capitol. ● Item 1008-A

- 4590 1. Legislative reorganization act of 1967. Report from Special Committee on Organization of Congress to accompany S. 355. Jan. 16, 1967. 65 p.

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# MARCH 1967

- 4591 2. Providing additional staff and funds for Committee on Public Works. Report from Committee on Public Works to accompany S. Res. 23. Jan. 17, 1967. 2 p.
- 4592 3. Continuation of legislative functions. Report from Committee on Post Office and Civil Service to accompany S. Res. 43. Jan. 18, 1967. 1 p.
- 4593 4. Authorizing Committee on Banking and Currency to make certain investigations. Report from Committee on Banking and Currency to accompany S. Res. 45. Jan. 18, 1967. 2 p.
- 4594 5. Study of Federal housing programs. Report from Committee on Banking and Currency to accompany S. Res. 46. Jan. 18, 1967. 3 p.
- 4595 6. Authorizing continuation of Joint Committee on Organization of Congress. Report from Committee on Rules and Administration to accompany S. Con. Res. 2. Jan. 30, 1967. 4 p.
- 4596 7. Vietnam era veterans' readjustment assistance act. Report from Committee on Finance to accompany S. 16. Jan. 31, 1967. 13 p.
- 4597 8. Authorizing printing of additional copies of Senate committee print entitled Federal system as seen by Federal aid officials. Report from Committee on Rules and Administration to accompany S. Con. Res. 6. Feb. 1, 1967. 2 p.
- 4598 9. Authorizing printing of report of President's Commission on Patent System as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 52. Feb. 1, 1967. 3 p.
- 4599 10. Authorization printing of report entitled 1967 Highway beautification program as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 70. Feb. 1, 1967. 2 p.
- 4600 11. Authorizing Committee on Finance to employ additional clerical assistants. Report from Committee on Rules and Administration to accompany S. Res. 21. Feb. 1, 1967. 2 p.
- 4601 12. Federal charters, holidays, and celebrations. Report from Committee on Rules and Administration to accompany S. Res. 27. Feb. 1, 1967. 4 p.
- 4602 13. Study of criminal laws and procedures. Report from Committee on Rules and Administration to accompany S. Res. 31. Feb. 1, 1967. 5 p.
- 4603 14. Investigation of immigration and naturalization matters. Report from Committee on Rules and Administration to accompany S. Res. 32. Feb. 1, 1967. 9 p.
- 4604 15. Examination of administration of Patent Office and review of statutes relating to patents. Report from Committee on Rules and Administration to accompany S. Res. 37. Feb. 1, 1967. 5 p.
- 4605 16. Investigation of aeronautical and space activities of Federal departments and agencies. Report from Committee on Rules and Administration to accompany S. Res. 51. Feb. 1, 1967. 4 p.
- 4606 17. Investigations by Committee on Armed Services. Report from Committee on Rules and Administration to accompany S. Res. 71. Feb. 1, 1967. 3 p.
- 4607 18. Study of national penitentiaries. Report from Committee on Rules and Administration to accompany S. Res. 36. Feb. 1, 1967. 3 p.
- 4608 19. Study of matters pertaining to revision and codification of Statutes of United States. Report from Committee on Rules and Administration to accompany S. Res. 39. Feb. 1, 1967. 4 p.
- 4609 20. Study of certain aspects of national security and international operations. Report from Committee on Rules and Administration to accompany S. Res. 54. Feb. 1, 1967. 4 p.
- 4610 21. Study of problems of small and independent business. Report from Committee on Rules and Administration to accompany S. Res. 56. Feb. 1, 1967. 5 p.
- 4611 22. Privileges and elections. Report from Committee on Rules and Administration to accompany S. Res. 77. Feb. 1, 1967. 3 p.
- 4612 23. Standing rules of Senate. Report from Committee on Rules and Administration to accompany S. Res. 78. Feb. 1, 1967. 4 p.
- 4613 25. National Water Commission. Report together with additional views from Committee on Interior and Insular Affairs to accompany S. 20. Feb. 2, 1967. 9 p.
- 4614 26. Special Committee on Aging. Report from Committee on Rules and Administration to accompany S. Res. 20. Feb. 2, 1967. 15 p.
- 4615 27. Providing additional staff and funds for Committee on Public Works. Report from Committee on Rules and Administration to accompany S. Res. 23. Feb. 2, 1967. 4 p.
- 4616 28. Study of administrative practice and procedure in Government departments and agencies. Report from Committee on Rules and Administration to accompany S. Res. 25. Feb. 2, 1967. 5 p.
- 4617 29. Investigation of administration of antitrust and monopoly laws. Report from Committee on Rules and Administration to accompany S. Res. 26. Feb. 2, 1967. 8 p.
- 4618 30. Study of matters pertaining to constitutional amendments. Report from Committee on Rules and Administration to accompany S. Res. 28. Feb. 2, 1967. 4 p.
- 4619 32. Internal security. Report from Committee on Rules and Administration to accompany S. Res. 33. Feb. 2, 1967. 4 p.
- 4620 35. Study of problems created by flow of refugees and escapees. Report from Committee on Rules and Administration to accompany S. Res. 35. Feb. 2, 1967. 5 p.
- 4621 56. Study of constitutional separation of powers. Report from Committee on Rules and Administration to accompany S. Res. 40. Feb. 2, 1967. 3 p.



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### Senate reports on public bills, 90th Congress—Continued

- 4622 37. Review of administration of Trading with the enemy act. Report from Committee on Rules and Administration to accompany S. Res. 41. Feb. 2, 1967. 4 p.
- 4623 38. Investigations by Committee on Interior and Insular Affairs. Report from Committee on Rules and Administration to accompany S. Res. 42. Feb. 2, 1967. 4 p.
- 4624 40. Study of banking and currency matters. Report from Committee on Rules and Administration to accompany S. Res. 45. Feb. 2, 1967. 5 p.
- 4625 41. Study of housing and urban affairs. Report from Committee on Rules and Administration to accompany S. Res. 46. Feb. 2, 1967. 4 p.
- 4626 44. Study of foreign aid expenditures. Report from Committee on Rules and Administration to accompany S. Res. 57. Feb. 2, 1967. 14 p.
- 4627 47. Study of U.S. foreign policies. Report from Committee on Rules and Administration to accompany S. Res. 67. Feb. 2, 1967. 4 p.

### *Aeronautical and Space Sciences Committee, Senate* Washington, D.C. 20510

- 4628 Soviet space programs, 1962-65, goals and purposes, achievements, plans, and international implications, staff report; [reviewed by Glen P. Wilson], Dec. 30, 1966. 1966 [published 1967]. xii+920 p. il. (Committee print, 89th Congress, 2d session.) \* Paper, \$2.75. Y 4.Ae8: So 8/962-65  
L.C. card 67-60680

### *Armed Services Committee, Senate* Washington, D.C. 20510

- 4629 Investigation of preparedness program, report by Preparedness Investigating Subcommittee, under authority of S. Res. 212 (89th Cong., 2d sess.) on combat readiness of 101st Airborne Division, Fort Campbell, Ky., 82d Airborne Division, Fort Bragg, N.C., 2d Marine Division, Camp Lejeune, N.C. 1966. v+14 p. (Committee print, 89th Congress, 2d session.) ‡ Y 4.Ar5/3: P 91/13
- 4630 National security act of 1947 (Public law 253, 80th Congress, July 26, 1947) (61 Stat. 495), as amended through Sept. 20, 1966. 1966. iv+76 p. (Senate committee print, 89th Congress, 2d session.) ‡  
L.C. card 50-60359 Y 4.Ar5/3: N 21s/2/966

### *Banking and Currency Committee, Senate* Washington, D.C. 20510

- 4631 Government activities affecting small business, problems of small business displacement under programs of public improvement, 2d report of Attorney General pursuant to sec. 10(c) of Small business act of 1958, as amended; Dec. 15, 1966. 1966. vi+98 p. (Committee print, 89th Congress, 2d session.) † Y 4.B 22/3: Sm 1/17
- 4632 Nomination of William B. Camp, hearing, 90th Congress, 1st session, on nomination of William B. Camp to be Comptroller of Currency; Jan. 18, 1967. 1967. iii+7 p. † • Item 1035 Y 4.B 22/3: C 15  
L.C. card 67-60605
- 4633 Summary of activities, report of Committee on Banking and Currency, 89th Congress, 2d session, 1966. 1966. vii+100 p. (Committee print.) ‡  
L.C. card 52-61470 Y 4.B 22/3: Ac 8/966

### *Commerce Committee, Senate* Washington, D.C. 20510

[Committee hearings] serial, 89th Congress. † • Item 1041  
Y 4.C 73/: 89-(nos.)

- 4634 80. Hours of service of railroad employees, hearings before Surface Transportation Subcommittee, 89th Congress, 2d session, on S. 2180, June 28-Sept. 7, 1966. 1967. v+595 p. il. Y 4.C 73/: 89-80  
L.C. card 67-60608
- 4635 81. Estuarine area and jellyfish control, hearing before Merchant Marine and Fisheries Subcommittee, 89th Congress, 2d session, on S. 3528 [and] S. 3744, Sept. 28, 1966. 1967. iii+67 p. il. Y 4.C 73/: 89-81  
L.C. card 67-60606
- 4636 82. Repeal of Standard container acts of 1916 and 1928, hearings, 89th Congress, 2d session, on S. 17 and S. 1773, Aug. 30, 1966. 1967. iii+13 p. Y 4.C 73/: 89-82  
L.C. card 67-60607

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### *Foreign Relations Committee, Senate* Washington, D.C. 20510

- 4637 Commonwealth Parliamentary Association conference, report of delegation appointed to attend Commonwealth Parliamentary Association conference in Ottawa, Canada, Sept. 27-Oct. 1, 1966; Nov. 15, 1966. 1966. v+21 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 62-60741 Y 4.F 76/2: C 73/4/966

### *Government Operations Committee, Senate* Washington, D.C. 20510

- 4638 Condition of American federalism, historian's view, study submitted by Subcommittee on Intergovernmental Relations, pursuant to S. Res. 205, 89th Cong., Oct. 15, 1966; [prepared by Harry N. Scheiber]. 1966. xi+26 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 67-60634 Y 4.G 74/6: F 31/13
- 4639 Creative Federalism, hearings before Subcommittee on Intergovernmental Relations, 89th Congress, 2d session, on improving intergovernmental cooperation in management of Federal assistance programs, including comments on S. 3509 and S.J. Res. 187. • Item 1037  
L.C. card 67-60609 Y 4.G 74/6: F 31/12/pt. 1  
pt. 1. Federal level. Nov. 16-21, 1966. 1967. vi+1-46 p. ll. 2 pl. 7 maps. \* Paper, \$2.50.
- 4640 Federal role in urban affairs, hearings before Subcommittee on Executive Reorganization, 89th Congress, 2d session. † • Item 1037  
L.C. card 67-60155 Y 4.G 74/6: Ur 1/4/pt. (nos.)  
pt. 3. Aug. 22 and 23, 1966. 1966 [published 1967]. iv+543-815 p. ll.  
pt. 4. Aug. 24-26, 1966. 1966 [published 1967]. iii+817-1084 p. ll.
- 4641 Inventory of congressional concern with research and development (88th and 89th Congresses), bibliography, prepared for Subcommittee on Government Research [by Science Policy Research Division of Legislative Reference Service, Library of Congress]; Dec. 15, 1966. 1966. xii+120 p. ll. (Committee print, 89th Congress, 2d session.) †  
L.C. card 67-60332 Y 4.G 74/6: R 31/2
- 4642 Population crisis, hearings before Subcommittee on Foreign Aid Expenditures, 89th Congress, 1st and 2d sessions, on S. 1676 • Item 1037  
L.C. card 66-60601  
pt. 5. Index, 1965. 1966 [published 1967]. v+258 p. \* Paper, 65c.  
pt. 5-A. June 15, 1966. 1966 [published 1967]. vi+1073-1326 p. ll. \* Paper, 65c.  
Y 4.G 74/6: P 81/966/pt.5-A

### *Interior and Insular Affairs Committee, Senate* Washington, D.C. 20510

- 4643 Great Salt Lake relicted lands, hearings, 89th Congress, 2d session, on S. 3484, June 20, 1966. 1966. ii+16 p. † • Item 1040  
L.C. card 67-60283 Y 4.In 8/13: G 79s/3
- 4644 Interior nomination, hearing, 89th Congress, 2d session, on nomination of Charles F. Luce to be under Secretary of Department of Interior, Sept. 8, 1966. 1966. ii+14 p. † • Item 1040  
L.C. card 66-62710 Y 4.In 8/13: N 72/966-4

### *Judiciary Committee, Senate* Washington, D.C. 20510

- 4645 Copyright law revision, CATV, hearings before Subcommittee on Patents, Trademarks, and Copyrights, 89th Congress, 2d session, pursuant to S. Res. 201, on S. 1006, Aug. 2-25, 1966. 1966. iii+252 p. † • Item 1042  
L.C. card 67-60615 Y 4.J 89/2: C 79/3

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# GOVERNMENT PUBLICATIONS

- 4646 Copyright law revision, hearings before Subcommittee on Patents, Trademarks, and Copyrights, 89th Congress, 1st session, pursuant to S. Res. 48 on S. 1006, Aug. 18-20, 1965. 1967. iii+242 p. † ● Item 1042  
L.C. card 67-60614 Y 4.J 89/2: C 79/4
- 4647 Evaluation charts on delay in administrative proceedings; prepared by Subcommittee on Administrative Practice and Procedure; May 1966. 1966. v+77 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 67-60325 Y 4.J 89/2: Ad 6/8
- 4648 Invasions of privacy, hearings before Subcommittee on Administrative Practice and Procedure, 89th Congress, 2d session, pursuant to S. Res. 190. ● Item 1042  
L.C. card 65-61556 Y 4.J 89/2: P 93/11/pt.5  
pt. 5. Mar. 23-June 10, 1966. 1967. v+2083-2591 p. †
- 4649 U.S. apparatus of assistance to refugees throughout world, hearings before Subcommittee to Investigate Problems Connected with Refugees and Escapees, 89th Congress, 2d session, July 14-Aug. 4, 1966. 1966. iv+303 p. il. † ● Item 1042  
L.C. card 67-60612 Y 4.J 89/2: R 25/10

## Labor and Public Welfare Committee, Senate Washington, D.C. 20510

- 4650 Impact of Federal research and development policies upon scientific and technical manpower, report and recommendations of Subcommittee on Employment, Manpower, and Poverty, 89th Congress, 2d sessions; Dec. 1966. 1966. vii+69 p. il. (Committee print, 89th Congress, 2d session.) [Includes individual views of Senators Javits and Murphy.] †  
L.C. card 67-60688 Y 4.L 11/2: M 31/12
- 4651 Nomination, hearing, 89th Congress, 2d session, on Gerald A. Brown, of California, to be member of National Labor Relations Board, Aug. 30, 1966. 1966. ii+26 p. † ● Item 1043  
L.C. card 66-62711 Y 4.L 11/2: N 72/5/966-8
- 4652 Scientific manpower utilization, 1965-66, hearings before Special Subcommittee on Utilization of Scientific Manpower, 89th Congress, 1st and 2d sessions, on S. 2662, Nov. 19, 1965-May 18, 1966. 1967. iv+213 p. il. † ● Item 1043  
L.C. card 67-60341 Y 4.L 11/2: M 31/11
- 4653 Vocational rehabilitation act, compilation, prepared by Subcommittee on Health; Dec. 1966. 1966. v+19 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 67-60330 Y 4.L 11/2: V 85

## Post Office and Civil Service Committee, Senate Washington, D.C. 20510

- 4654 Federal employees health benefits act; Nov. 1966. 1966. ii+27 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 67-60636 Y 4.P 84/11: H 34/7
- 4655 Legislative history and report of activities; Nov. 1966. 1966. iii+5 p. (Committee print, 89th Congress, 2d session.) †  
L.C. card 67-60689 Y 4.P 84/11: L 52

## Public Works Committee, Senate Washington, D.C. 20510

- 4656 [Federal-aid highway act of 1966, hearings] Errata sheet. [1966.] 1 p. †  
● Item 1045 Y 4.P 96/10: H 53/5/966/errata
- 4657 Nomination of John J. Linnehan to be Federal chairman of New England Regional Commission, hearing, 90th Congress, 1st session, Jan. 12, 1967. 1967. ii+18 p. † ● Item 1045  
L.C. card 67-60610 Y 4.P 96/10: L 64

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- 4658 Summary of legislative activities and accomplishments, 89th Congress, Dec. 31, 1966. 1966 [published 1967]. vii+173 p. (Committee print, 89th Congress, 2d session.) ‡  
L.C. card 56-62441 Y 4.P 96/10: L 52/966

### *Rules and Administration Committee, Senate* Washington, D.C. 20510

- 4659 Senate inquiries and investigations, 87th, 88th, and 89th Congresses, authorizations to Jan. 31, 1967, expenditures to Dec. 31, 1966, staff study. 1967. viii+87 p. (Committee print.) ‡ Y 4.R 86/2: In 7/966

### *Small Business, Select Committee on, Senate* Washington, D.C. 20510

- 4660 List of publications issued by Select Committee on Small Business, Senate, 81st Congress, 2d session (1950)—89th Congress, 2d session (1966). Dec. 31, 1966 revision. 1966. ii+14 p. (Committee print, 89th Congress, 2d session.) ‡ Y 4.Sm 1/2: P 96/2/1950-66

### CONSUMER AND MARKETING SERVICE, Agriculture Dept. Washington, D.C. 20250

- 1967 acreage-marketing guides AMG (series).  
4661 52. Spring vegetables and melons. Nov. 1966. 52 p. il. 4° ‡ ● Item 18-D A 88.26/4: 52  
USDA-C&MS visual aid (series).  
4662 1. Visual aids for inspection of metal containers. Dec. 1966. cover title, [1]+[22] leaves, il. 4° [Issued with perforations.] \* Paper, 35c. ● Item 24-P A 88.6/5: 1

### COURT OF CLAIMS Washington, D.C. 20006

- 4663 Cases decided in Court of Claims, Oct. 1-Dec. 31, 1965 with report of decisions of Supreme Court in Court of Claims cases, v. 173; reported by Margaret Hunter Pierce, reporter. 1966. xxv+1253 p. il. 1 por. 2 tab. \* Cloth, \$5.50. ● Item 730 Ju 3.9: 173  
L.C. card 11-11998  
4664 — Jan. 1-Mar. 31, 1966 with report of decisions of Supreme Court in Court of Claims cases, v. 174; reported by Margaret Hunter Pierce, reporter. 1966. xxii+1354 p. il. 1 por. \* Cloth, \$5.50. ● Item 730 Ju 3.9: 174  
L.C. card 11-11998

### CUSTOMS BUREAU, Treasury Dept. Washington, D.C. 20226

- 4665 Customs regulations of United States. 1966 reprint. [895] p. 4° [Code of Federal regulations, title 19, chap. 1. Cumulated sets of revised pages, 1-106, of 1954 printing. Issued in looseleaf form.] \* Paper, \$9.00 (including 1966 reprint and revised pages beginning with 107th set for an indefinite period); \$3.00 additional for foreign mailing. ● Item 948 T 17.9: 966  
4666 106th set revised pages to Customs regulations; Sept. 1966. 1966. [59] p. 4° [Includes amendments made by Treasury decisions, 66-76 through 66-179 and several CRA pages. Issued in looseleaf form.] \* Paper, \$9.00 (including basic regulations and revised pages for 1 yr.); \$3.00 additional for foreign mailing. ● Item 948-A T 17.9: 964/rev. pages 106

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Commerce, Springfield, Va. 22151  
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# GOVERNMENT PUBLICATIONS

## DEFENSE COMMUNICATIONS AGENCY, Defense Dept. Arlington, Va. 22204

### DCA circulars.

- 4667 330-175-1. DCS engineering-installation standards manual, Addendum 1, MF/HF communications antennas [with lists of references]. May 1966. cover title, xvi+1-72b, 73-84c, 85-120a, 121-302a, 303-304a, 305-367 p. il. 4° [Issued with perforations.] \* Paper, \$3.75. D 5.104: 330-175-1/add.1
- 4668 330-175-1. Defense communications system engineering-installation standards manual, Change 5. July 8, 1966. [105] p. il. 2 pl. 4° [Formerly DCAC 175-2A. Includes list of effective pages. Issued in loose-leaf form.] \* Paper, 75c. D 5.104: 175-2A/ch.5

## DEFENSE DEPARTMENT Washington, D.C. 20301

### Cataloging manual M (series). [Issued in looseleaf form.]

- 4669 1-8. Federal manual for supply cataloging: chap. 8, International cataloging: Sept. 1966. [1966.] cover title, iii+[47] p. 4° (Defense Logistics Services Center Battle Creek, Mich.) [Text on p. 2 of cover.] \* Paper, 50c. • Item 314-A D 7.6/3: 1-8
- 4670 Cost reduction actions by defense contractors; [prepared by Directorate for Cost Reduction Policy, Office of Assistant Secretary of Defense (Installations and Logistics)]. May 1966. cover title, xiv+179 p. il. oblong 8° (Office of Secretary of Defense.) † • Item 306 (Special offer) L.C. card 66-61451 D 1.2: C 82/966
- 4671 Court-martial reports, holdings and decisions of Judge Advocates General Boards of Review, and United States Court of Military Appeals, v. 36, 1965-66. [1967.] xvi+985 p. † Cloth, \$7.50, Lawyers Co-operative Publishing Co., Rochester, N.Y. L.C. card 52-61311 D 1.29: 36

### Defense Supply Agency handbook DSAH (series). • Item 314-A

D 7.6/7: (nos.)

- 4672 4215.29. Industrial plant equipment handbook: FSC 3610, 6710, 6720, 6730, 6740, 6780, Photocopying and photographic equipment. Dec. 1966. cover title, iii+39 p. 4° (SB 708-6700-1; NAVSUP Pub. 5528; AFM 78-32; MCO P 4870.34.) [Issued with perforations.] \* Paper, 35c. Dec. 1966. cover title, iii+78 p. 4° (SB 708-6600-3; NAVSUP Pub 5529; AFM 78-38; MCO P 4870.35) [Issued with perforations.] \* Paper, 60c.
- 4674 4215.31. Same: FSC 4140, 4460, 7910. Air purification equipment, industrial fans, blowers and vacuum cleaners. Dec. 1966. cover title, iii+64 p. 4° (SB 708-4100-2; NAVSUP Pub 5530; [Air Force Dept.] AFM 78-21; [Marine Corps] MCO P 4870.36.) [Issued in looseleaf form.] \* Paper, 45c.
- 4675 4215.33. Same: FSC 3615, 3660. Pulp and paper industries and size reduction machinery. Dec. 1966. cover title, iii+35 p. 4° (SB 708-3600-1; NAVSUP Pub 5532; [Air Force Dept.] AFM 78-44; [Marine Corps] MCO P 4870.38.) [Issued in looseleaf form.] \* Paper, 35c.

### Defense Supply Agency manual DSAM (series). • Item 314-A

- 4676 4140.1. Defense utilization manual; Jan. 1964. [1966.] cover title, [149] p. 4° ([Air Force Dept.] AFM 67-11; [Army Dept.] AR 1-38; [Marine Corps] MCO P 7020.5A.) [Issued in looseleaf form. Reprint. Including pages from Changes 1-8 and transmittal pages for these changes dated May 16, 1964-Apr. 26, 1966.] † D 7.6/8: 4140.1/rep.
- 4677 Manual for building technical thesaurus [with list of references; by] Project LEX, Office of Naval Research, task force for preparation of DoD technical thesaurus. Apr. 1966. [3]+iv+21+[2] p. 4° (ONR-25.) [Prepared in cooperation with DoD representatives, other Government representatives, and Engineers Joint Council.] • Paper, \$2.00 (AD 633 279). D 4.10: T 22

### Military standard. [Issued in looseleaf form.]

- 4678 MIL-STD-1223H. Administrative wheeled vehicles, treatment, painting, undercoating, identification marking, data plates and warranty notice standards. Aug. 15, 1966. [1]+v+36+[1] p. il. (FSC 2310, 2320, 2330.) [Supersedes MIL-STD-1223G, July 15, 1965, MIL-STD-642F, July 15, 1965 (in part).] † • Item 314-J D 7.10: 1223 H

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- 4679 MILSTRIP, Military assistance program addresses supp. 2; Dec. 1, 1966. [1966.] [331] p. 4° (DoD 4140.17-M; (Office of Assistant Secretary of Defense, Installations and Logistics).) [Issued in looseleaf form. Supersedes MILSTRIP appendixes B-13 (MAP customer within country codes) and B-16 (MAS option/freight forwarder codes). Some pages issued as leaves.] \* Paper, \$1.75. ● Item 314-A  
L.C. card 64-61913 D 7.6/4; M 59/supp.2

Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.: PLASTEC note.

- 4680 14. Glossary of plastic terms; consensus; by Norman E. Beach. Dec. 1966. iii+90 p.+3 leaves, 4° [Includes list of sources. Issued with perforations.] \* Paper, \$3.00. D 4.11/2; 14

Poster DSA-P (series). (Defense Supply Agency.)

- 4681 5220.2. Do you take security regulations seriously enough? 1966. 22x14 in. D 7.19; 5220.2  
\* Paper, 10c.

- 4682 Reduce costs and improve equipment through value engineering; prepared by Directorate of Value Engineering. Jan. 1967. cover title, iii+72 p. il. 4° (Office of Assistant Secretary of Defense (Installations & Logistics).) [Issued with perforations.] \* Paper, 50c. ● Item 314-A  
D 7.2; V 24

- 4683 Your professional auditing future with Department of Defense. [1966.] [18] p. il. oblong 8° † ● Item 306 D 1.2; Au 2

## ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, D.C. 20230

- 4684 Bibliography of resource materials in field of regional economic development; prepared by Regional Economic Development Institute, Incorporated. [1966.] [8]+99 p. 4° \* Paper, 55c. ● Item 130-K  
L.C. card 67-60413 C 46.18; Ec 7

- 4685 Maximum grant rates for public works grants in qualified areas under Public works and economic development act of 1965, Public law 89-136. July 1, 1966. cover title, [12]+55 p. 4° ([Office of Program Evaluation, Qualification Division.]) † ● Item 130-D (Special offer).  
L.C. card 66-61562 C 46.2; P 96/5/966

## ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President, Washington, D.C. 20506

- 4686 Every girl needs chance to become somebody, [Job Corps may be your big chance]. [1966.] [24] p. il. oblong 24° † ● Item 857-H  
PrEx 10.2; G 44

- 4687 Is there a job in your future? [Job Corps may be your answer]. [1966.] [16] p. il. oblong 24° † ● Item 857-H  
PrEx 10.2; J 57/2/966

JCH (series).

- 4688 313.3. Admissions manual: pt. 1, Identifying Job Corps candidates. [Sept. 19, 1966.] cover title, 13+[50] p. il. 4° (Job Corps.) [Issued with perforations.] † ● Item 857-H-1  
PrEx 10.10; 313.3

- 4689 Job Corps facts. [1966.] 5 p. 4° (J1b; Public Affairs.) †  
PrEx 10.2; J 57/966

- 4690 Justice, 1st annual report of Legal Services Program of Office of Economic Opportunity to American Bar Association at annual convention, Montreal, [Canada], Aug. [8-11] 1966. [1966.] cover title, [5]+33 p. il. 4° ([C-37; Legal Services Program.]) [Text on p. 2 of cover.] †  
L.C. card 67-60665 PrEx 10.18; 966

- 4691 Legal services fact sheet. [1967.] 1 p. 4° (LS-1; Public Affairs.) †  
PrEx 10.2; L 52/2

- 4692 Neighborhood Youth Corps fact sheet. [1967.] 1 p. 4° (NI-b; Public Affairs.) †  
PrEx 10.2; N 31/3

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- 4693 Quick facts on programs of Office of Economic Opportunity. [1966.] 4 p. 4° (Public Affairs: E 1b.) † PrEx 10.2: P 94/2
- 4694 VISTA handbook. Jan. 1967. cover title, 3-38 p. 4° † • Item 857-H-2 PrEx 10.8: V 82/2
- 4695 VISTA [Volunteers in Service to America] serves, summary. [1966.] [4] p. il. ([V-22b, 9-66.]) † • Item 857-H PrEx 10.2: V 82/6

## ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, D.C. 20250

- 4696 Chronology of American agriculture, 1790-1965 [chart]. Slightly revised 1966. 1966. 30 x 48 in. † A 93.2: C 46/790-965/rev.
- ERS (series). † A 93.21: (nos.)
- 4697 318. Dairy marketing [with list of literature cited; by Alden C. Manchester]. [Oct. 1966.] [2]+150-169 p. il. 4° [Reprinted from Agricultural markets in change, Agricultural economic report 95.] L.C. card 67-60653
- 4698 323. Markets for sweeteners [with list of selected references; by Roy A. Ballinger]. [Oct. 1966.] [2]+296-323 p. il. 4° [Reprinted from Agricultural markets in change, Agricultural economic report 95.]
- 4699 327. Marketing industrial molasses in United States; [by L. C. Larkin]. [Dec. 1966.] iv+15 p. 4° • Item 42-1 L.C. card Agr 67-67
- ERS-foreign (series). † A 93.21/2: (nos.)
- 4700 44. Indices of agricultural production for 20 Latin American countries (plus Guyana, Jamaica, and Trinidad and Tobago), revised 1954-1965, preliminary 1966. [Revised Jan. 1967.] [1967.] ii+49 p. 4° ([Western Hemisphere Branch, Foreign Regional Analysis Division.]) • Item 76-G
- 4701 170. European Economic Community import demand for oilseeds and oilseed products, summary; [by Dieter Elz]. [Nov. 1966.] iv+22 p. il. [Prepared in cooperation with Foreign Agricultural Service.] L.C. card Agr 67-70
- Foreign agricultural economic report.
- 4702 33. World agricultural situation, review of 1966 and outlook for 1967. Jan. 4, 1967. cover title, 41 p. il. 4° (Foreign Agricultural Service.) [Text on p. 2 of cover. Page 41, last page of text, appears on p. 3 of cover.] • Paper, 30c. • Item 42-B L.C. card 55-61136 A 93.27: 33
- 4703 New developments in leather products and footwear, talk by John W. Thompson. Marketing Economics Division, at 44th annual Agricultural Outlook Conference, Washington, D.C., Nov. 16, 1966. [1966.] 11 p. il. 4° † A 93.22: T 37
- 4704 Outlook for fats, oils, and oilseeds in 1966/67, talk by George W. Kromer, Economic and Statistical Analysis Division, at 44th Annual Agricultural Outlook Conference, Washington, D.C., Nov. 17, 1966. [1966.] 16 p. il. 4° † A 93.22: K 92/3/1966-67
- 4705 Outlook for peanuts in 1966-67, talk by George W. Kromer, Economic and Statistical Analysis Division, at 44th annual Agricultural Outlook Conference, Washington, D.C., Nov. 17, 1966. [1966.] 4 p. il. 4° † A 93.22: K 92/2/1966-67
- 4706 Rice situation. Jan. 1967. 36 p. il. 4° (RS-11.) † • Item 21-P A 93.11/3: 11

## EDUCATION OFFICE, Health, Education, and Welfare Dept. Washington, D.C. 20202

- 4707 Area vocational schools; [by Michael Russo]. [1966.] [8] p. il. large 4° ([OE-80045.]) [Reprinted from American education, June 1966.] • Paper, 15c. • Item 460-A-80 FS 5.280: 80045
- 4708 Curriculum guide to adult basic education, beginning level; [prepared by educators in University of Nebraska]. [1966.] xviii+[1]+352+[14] p. 4° (OE-13032; [Bureau of Adult and Vocational Education.]) [Some of the pages are issued as leaves.] • Paper, \$2.25. • Item 460-A-13 FS 5.213: 13032

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- 4709 Education of disadvantaged children, bibliography, Aug. 15, 1966; compiled by Lois B. Watt, Myra H. Thomas, Harriet L. Horner. [1966.] [3]+32 p. 4° (OE-14031-38; Educational Materials Center, Division of Research Training and Dissemination, Bureau of Research.) †  
● Item 460-A-14 FS 5.214: 14031-38
- 4710 Educational Materials Center; [by Lois B. Watt]. [1966.] [4] p. il. large 4° (OE-14133.) [Reprinted from American education, July-Aug. 1966.] \* Paper, 15c. ● Item 460-A-14 FS 5.214: 14133
- 4711 Enrollment of Negro pupils in Southern and border States. [Dec. 9, 1966.] [2] leaves, 1 tab. 4° ([National Center for Educational Statistics.]) †  
FS 5.2: N 31/5
- 4712 Higher education, how Office of Education assists college students and colleges; compiled by Bureau of Higher Education. [1966.] [1]+v+46 p. 4° † ● Item 461 (Rev. 1965). FS 5.2: Ed 8/12
- 4713 Library manpower, occupational characteristics of public and school librarians; by Henry T. Drennan and Richard L. Darling. [1966.] iii+[2]+21+8 p. 4° (OE-15061; [Bureau of Adult and Vocational Education, Division of Library Services, Library Services Branch.]) [Text on p. 2 of cover.] \* Paper, 30c. ● Item 460-A-15  
L.C. card HEW 67-17 FS 5.215: 15061
- 4714 Medical laboratory assistant (D.O.T. occupational code 0-78.381) suggested guide for training program. [1966.] vi+[1]+115 p. il. 4° (OE-87017; Manpower Development and Training Program.) [First published by National Committee for Careers in Medical Technology.] \* Paper, 60c.  
● Item 460-A-87 FS 5.287: 87107  
L.C. card HEW 67-20
- 4715 National defense graduate fellowships, graduate programs, 1967-68. [1966.] vi+42 p. 4° (OE-55017-68.) [Text on p. 3 of cover.] †  
● Item 460-A-55 FS 5.255: 55017-68  
L.C. card HEW 61-25
- 4716 Office of Education programs for the handicapped [with list of references]. Oct. 1966. cover title, 16 p. oblong 12° (OE-35089; Office of Disadvantaged and Handicapped.) \* Paper, 15c. ● Item 460-A-35  
L.C. card HEW 67-44 FS 5.235: 35089
- 4717 Presidential scholars, 1966; [by Walter Coyne]. [1966.] 4 p. il. large 4° ([OE-10036-66.]) [Reprinted from American education, Sept. 1966.] \* Paper, 15c. ● Item 460-A-10 FS 5.210: 10036-66
- 4718 Progress and problems in school desegregation, address by David S. Seeley, Assistant Commissioner of Education, Equal Educational Opportunities Program, Department of Health, Education, and Welfare, before Chief State School Officers, New Orleans, [La.], Nov. 16, 1966. [1966.] 1-Sa, 9-13 leaves, 4° †  
FS 5.8: Se 3
- 4719 Projections of educational statistics to 1975-76 [articles]. 1966 edition. [1967.] vii+113 p. il. 4° (OE-10030-66.) [Companion volume to Digest of education statistics. Text on p. 2 of cover. Supersedes Projections of educational statistics to 1974-75, OE-10030, 1965.] \* Paper, \$1.00. ● Item 460-A-10 FS 5.210: 10030-66
- 4720 Summer education for children of poverty, report of National Advisory Council on Education of Disadvantaged Children. [1966.] [7]+54 p. 4° (OE-37006.) \* Paper, 40c. ● Item 460-A-37  
L.C. card HEW 67-18 FS 5.237: 37006
- 4721 Survey of research on grouping as related to pupil learning; by Jane Franseth and Rose Koury. [1966.] v+64 p. 4° (OE-20089; [Bureau of Elementary and Secondary Education, Division of State Agency Cooperation, Administrative Instructional Support Branch.]) \* Paper, 40c. ● Item 460-A-20  
L.C. card HEW 67-32 FS 5.220: 20089

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4722 Thousand partnerships; by Gene E. Bradley. [1966.] [8] p. il. large 4° (OE-10045.) [Reprinted from American education, June 1966.] \* Paper, 15c. • Item 460-A-10 FS 5.210: 10045

4723 Voice of silent stage; by Ellen Ferber. [1966.] [8] p. il. large 4° (OE-56024.) [Reprinted from American Education, Oct. 1966.] \* Paper, 15c. • Item 460-A-56 FS 5.256: 56024

## EMERGENCY BOARDS (under sec. 10, Railway labor act) Washington, D.C. 20572

4724 Report to the President by Emergency Board 168, appointed by Executive Order 11308 dated Sept. 30, 1966, pursuant to sec. 10 of Railway labor act, as amended, to investigate dispute between Pan American World Airways, Inc., and certain of its employees represented by Transportation Workers Union of America, AFL-CIO (National Mediation Board case A-7841). Oct. 30, 1966. iii+27 p. † • Item 833 L.C. card A 67-7140 NMB 1.7: 168

## EMERGENCY PLANNING OFFICE, Executive Office of the President Washington, D.C. 20504

4725 Stockpile report to Congress, Jan.-June 1966 [pursuant to sec. 4 of Strategic and critical materials stockpiling act, Public law 520, 79th Congress]. [1966.] vi+29 p. il. 4° † L.C. card 51-60126 PrEx 4.9: 966

## EMPLOYEES' COMPENSATION BUREAU, Labor Dept. Washington, D.C. 20210

4726 Regulations governing administration of War hazards compensation act. Nov. 1965 [published 1966]. 49 p. (BEC-587.) [Regulations extracted from chap. 1, title 20, Code of Federal regulations, revised as of Jan. 1, 1965.] \* Paper, 20c. • Item 750-B L 26.6: W 19

## EMPLOYMENT SECURITY BUREAU, Labor Dept. Washington, D.C. 20210

4727 Current employment market for engineers, scientists, and technicians; [prepared by Norma F. Ausmus, Alvin W. Saile, and Renee L. Gallop]. Dec. 1966. cover title, iv+41 p. il. 4° † L.C. card L 62-59 L 7.63/2: 966/2

4728 Wanted volunteers, facts to face about our country's youth; prepared by Manpower Administration, Bureau of Employment Security, U.S. Employment Service. [1967.] [1]+4+1 p. 4° † L 7.2: Y 8/6

## ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, D.C. 20310, Attention Publications Office.

Army Engineer Division, North Pacific: Technical report.

4729 843-1. Laboratory determination of current meter performance, conducted for Public Utility District of Grant County, Wash., Public Utility District no. 1 of Chelan County, Wash. [with list of literature cited]; by R. L. Johnson. Nov. 1966. [108] p. il. 4° † D 103.44: 843-1

4730 Biloxi Harbor, Miss., letter from chief of engineers, Army, submitting report on review of reports; Oct. 10, 1966. 1966. xi+61 p. il. 2 pl. 4° [Also issued as H. doc. 513, 89th Cong., 2d sess.] † • Item 334-A D 103.22: B 49/966

4731 Coast of Lake Erie, Elk Creek Harbor, Pa., letter from chief of engineers, Army, submitting report on interim report; Oct. 10, 1966. 1966. xi+54 p. 1 pl. 4° [Also issued as H. doc. 512, 89th Cong., 2d sess.] † • Item 334-A D 103.22: L 14e/3

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

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- 4732 Mississippi River, agricultural areas from mile 195 to mile 300 above Ohio River, letter from chief of engineers, Army, submitting report on interim report on Mississippi River, flood protection; Oct. 10, 1966. 1966. xix+131 p. il. 3 pl. 4° [Also issued as H. doc. 510, 89th Cong., 2d sess.] ‡ ● Item 334-A D 103.22: M 691/32
- 4733 Mississippi River at Fort Madison, Iowa, letter from chief of engineers, Army, submitting report; Oct. 7, 1966. 1966. xiii+49 p. il. 1 pl. 4° [Also issued as H. doc. 507, 89th Cong., 2d sess.] ‡ ● Item 334-A D 103.22: M 691/32
- 4734 North Nashua River and tributaries, Merrimack River basin, Mass., letter from chief of engineers, Army, submitting report on interim survey; Oct. 6, 1966. 1966. xxii+148 p. il. 1 pl. 4° [Also issued as S. doc. 113, 89th Cong., 2d sess.] ‡ ● Item 334-A D 103.22: N 81n
- 4735 Pinellas County, Fla., letter from chief of engineers, Army, submitting report on review of report; Oct. 10, 1966. 1966. xv+77 p. il. 1 pl. 4° [Also issued as H. doc. 519, 89th Cong., 2d sess.] ‡ ● Item 334-A D 103.22: P 65/966
- Port series. [Part 1 of Port series is prepared by Division of Ports and systems, Maritime Administration, Commerce Dept., and pt. 2 by Domestic Ports Branch, Board of Engineers for Rivers and Harbors, Engineers Corps.] ● Item 340
- 4736 5. Port of New York, N.Y., and N.J.: v. 1, General data, pt. 2. Revised 1965. 1966. v+153 p. il. 4° \* Paper 75c. D 103.8: 5/2/v.1  
L.C. card 66-62685
- 4737 Russian River, Calif., letter from chief of engineers, Army, submitting report on review of reports [with bibliography]; Oct. 10, 1966. 1966. lvi+318 p. il. 5 pl. 1 tab. 4° [Also issued as H. doc. 518, 89th Cong., 2d sess.] ‡ ● Item 334-A D 103.22: R 92/2
- 4738 St. Lucie Inlet, Fla., letter from chief of engineers, Army, submitting report on review of report; Oct. 7, 1966. 1966. xiii+37 p. il. 1 pl. 4° [Also issued as H. doc. 508, 89th Cong., 2d sess.] ‡ ● Item 334-A D 103.22: Sa 21/2
- 4739 Skagit River, Wash., letter from chief of engineers, Army, submitting report on interim report; Aug. 30, 1966. 1967. xxvi+114 p. il. 1 pl. 4° [Also issued as H. doc. 483, 89th Cong., 2d sess.] ‡ ● Item 334-A D 103.22: Sk 1
- 4740 Southport Harbor, N.C., letter from chief of engineers, Army, submitting report, on review of reports; Oct. 10, 1966. 1966. xiv+37 p. il. 1 pl. 4° [Also issued as H. doc. 514, 89th Cong., 2d sess.] ‡ ● Item 334-A D 103.22: So 8/2
- 4741 Teche-Vermillion basins, La., letter from chief of engineers, Army, submitting report; Oct. 17, 1966. 1966. xvi+113 p. il. 2 pl. 4° [Also issued as H. doc. 524, 89th Cong., 2d sess.] ‡ ● Item 334-A D 103.22: T 22

## Waterways Experiment Station.

NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

## — Miscellaneous paper.

- 4742 6-849. Investigation of vibrating slope method for measuring concrete workability; by K. L. Saucier. Army-MRC Vicksburg, Miss., Dec. 1966. xii+[20] p. il. 4° [Sponsored by Office, Chief of Engineers, Army.] D 103.24/4: 6-849  
‡

## — Technical reports.

- D 103.24/2: (nos.)
- 4743 2-743. Filling and emptying systems, low-lift locks, Arkansas River project, hydraulic model investigation; by J. H. Ables, Jr., M. B. Boyd. Army-MRC Vicksburg, Miss., Nov. 1966. viii+36+[162] p. il. 4° [Sponsored by U.S. Army Engineer District, Little Rock, Ark.]
- 4744 2-745. Spillway and navigation conditions, Holt Lock and Dam, Warrior River, Ala., hydraulic model investigation; by E. S. Melshelmer, T. E. Murphy. Army-MRC Vicksburg, Miss., Oct. 1966. viii+22+[56] p. il. 4° [Sponsored by U.S. Army Engineer District, Mobile, Ala.]

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Commerce, Springfield, Va. 22151

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## GOVERNMENT PUBLICATIONS

### Waterways Experiment Station: Technical reports—Continued

- 4745 6-748. Comparison of properties of mass concrete containing 3- and 6-in. maximum size, crushed limestone coarse aggregate [with list of literature cited]; by W. O. Tynes. Army-MRC Vicksburg, Miss., Nov. 1966. xi+19+[16] p. il. 4° [Sponsored by Office, Chief of Engineers, Army.]

### ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

Commerce Dept., Washington, D.C. 20235

#### Climatology of United States 60-nos., Climates of States. (Environmental Data Service.)

- 4746 2. Arizona [with bibliographies; by] Paul C. Kangleser. Sept. 1959, revised and reprinted Oct. 1966. [1966.] 20 p. il. 4° \* Paper, 15c. ● Item 273-B C 30.71/3:2/2

#### ESSA monograph.

- 4747 1. World atlas of atmospheric radio refractivity [with list of references; by] B. R. Bean [and others]. 1966. ix+130 p. il. 4° ([Institutes for Environmental Research.]) \* Cloth, \$2.25. ● Item 208-B-3 C 52.13:1  
L.C. card, Map 66-74

#### ESSA technical report. (Institutes for Environmental Research; Institute for Telecommunication Sciences and Aeronomy.) ‡

- 4748 IER 9-ITSA 9. Automatic system for analysis of time variant data [with list of references; by] Paul I. Wells, Donald V. Glen. Sept. 1966. viii+79 p. il. 4° C 52.15:IER 9-ITSA 9

- 4749 Tornado watch. Dec. 1966. [8] p. il. narrow 8° ([ESSA/P1660031.]) \* Paper, 5c. ● Item 208-B-1 C 52.2:T 63

### EQUAL EMPLOYMENT OPPORTUNITY COMMISSION

Washington, D.C. 20506

- 4750 Seven steps to equal employment opportunity [guide for promoting equal employment opportunity]. [1967.] [4] p. narrow 8° † ● Item 1059-A-1 Y 3.Eq 2:8Em 7/2

### FAMILY SERVICES BUREAU, Health, Education, and Welfare Dept. Washington, D.C. 20201

- 4751 Money payments to recipients of special types of public assistance, Oct. 1965. May 1966. [16] p. 4° (Division of Research.) [Issued with perforations.] †  
L.C. card SS 44-8 FS 14.202: P 96/4/965

- 4752 Source of funds expended for public assistance payments and for cost of administration, services, and training, calendar year 1965. Aug. 1, 1966. [9] p. oblong 8° (Division of Research.) [Issued with perforations.] †  
L.C. card HEW 64-85 FS 14.215:965-2

### FEDERAL AVIATION AGENCY

Washington, D.C. 20553

#### Bibliographic list. (Office of Headquarters Operations, Library Services Division.)

- 4753 13. Aircraft noise and sonic boom, selected references; [compiled by Louise K. Annus]. Oct. 1966. cover title, ii+112 p. 4° †  
L.C. card 67-60554 FAA 1.10/3:13

#### FAA handbooks. [Issued in looseleaf form.] ‡ ● Item 431-C-4 FAA 1.8/2: (nos.)

- 4754 3450.7. Recognition and awards. [Dec. 2, 1966.] cover title, [2]+iii+54+6+5 p. 4°  
4755 8020.1. Aircraft accident/incident investigation and reporting. [Sept. 20, 1966.] cover title, [1]+iv+55 p. il. 4°

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

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- 4756 FAA statistical handbook of aviation; [compiled by Sylvia M. Goring] [1966 edition.] Aug. 1966 [published 1967]. viii+245+[3] p. il. [Prepared by Statistical Services Branch, Data Systems Division, Office of Management Services with cooperation of other FAA offices.] \* Paper, \$1.00. ● Item 431-C-14  
L.C. card 42-26903 FAA 1.32: 966
- Federal aviation regulations. [Issued in looseleaf form.] ● Item 431-C-13 FAA 1.6/8: pt. (nos.)
- 4757 pt. 29. Airworthiness standards, transport category rotorcraft. [1966.] cover title, [1]+viii+[93] p. 4° [Reissue of pt. 29 with Change 1 attached at back of the part.] \* Paper, 65c.
- 4758 pt. 61. Certification: Pilots and flight instructors. [1966.] cover title, [1]+iii+[80] p. 4° [Consolidated reprint incorporating Changes 1-19.] \* Paper, 60c.
- 4759 pt. 151. Federal aid to airports. [1967.] cover title, ii+[60] p. 4° [Consolidated reprint, incorporates Changes 1-13.] \* Paper, 45c.

### FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

- 4760 Federal Communications Commission reports, decisions and reports, v. 1, 2d series, July 7-Dec. 27, 1965. 1966. L+[1]+1610b, 1611-49 p. \* Cloth, \$5.25. ● Item 284  
L.C. card 36-26605 CC 1.12/2: 1
- 4761 Rules and regulations, v. 6, Oct. 1966. [1966.] cover title, 68 p. 4° [Issued in looseleaf form. Supersedes Jan. 1964 edition.] \* Paper, \$1.25 (including basic volume and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 287  
L.C. card 60-61384 CC 1.6/6: 966
- Includes—Part 95, Citizens radio service—Part 97, Amateur radio service—Part 99, Disaster communications service.
- 4762 Special study guide and reference material for examination for radio-telephone 3d class operator permit with broadcast endorsement for operation of certain broadcasting stations. Mar. 1966. [1]+18 p. 4° (Field Engineering Bureau.) † ● Item 285-A CC 1.7/4: R 11/966

### FEDERAL EXTENSION SERVICE, Agriculture Dept. Washington, D.C. 20250

- 4763 Note to agents on: Helping parents teach young children. [Mar. 1966.] [2] p. 4° \* Paper, \$1.00 per 100; 10 for 10c. A 43.39: C 43
- 4764 —Parents and babies. [Mar. 1966.] [2] p. 4° \* Paper, \$1.00 per 100; 10 for 10c. A 43.39: B 11
- 4765 —Parents and teenagers. [Mar. 1966.] [2] p. 4° \* Paper, \$1.00 per 100; 10 for 10c. A 43.39: T 22

### FEDERAL HOME LOAN BANK BOARD Washington, D.C. 20552

- 4766 Federal Savings and Loan Insurance Corporation, financial statements, Sept. 30, 1966. [1966.] [6] p. narrow 8° † FHL 1.2: F 31/2/966-2

### FEDERAL HOUSING ADMINISTRATION, Housing and Urban Development Dept., Washington, D.C. 20411

- 4767 Mortgagees' handbook [new and revised pages; Nov. 1966]. [1966.] [10] p. (FHA manual, v. 10.) [Includes transmittal memorandum 35-9. Issued in looseleaf form.] † ● Item 589-A HH 2.6/6: M 84/962/trans.9
- 4768 —Dec. 1966]. [1966.] [446] p. il. [Includes transmittal memorandum 10. Issued in looseleaf form.] † ● Item 589-A HH 2.6/6: M 84/962/trans.10

## GOVERNMENT PUBLICATIONS

- 4769 Mortgages' handbook [new and revised pages; Dec. 1966]. [1966.] [30] p. [Includes transmittal memorandum 11.] Issued in looseleaf form.  
 † ● Item 589-A HH 2.6/6: M 84/962/trans.11

### FEDERAL POWER COMMISSION Washington, D.C. 20426

- FPCR (series). ● Item 438-A FP 1.10: (nos.)
- 4770 68. Typical electric bills, typical net monthly bills as of Jan. 1, 1966, for residential, commercial, and industrial services; [prepared by Bureau of Power]. [1967.] xxi+127 p. il. 4° \* Paper, 70c.
- 4771 69. All electric homes in United States, annual bills, Jan. 1, 1966, cities of 50,000 and more; [prepared by Bureau of Power]. [1966.] [2]+25 p. il. 4° \* Paper, 25c.  
 L.C. card 63-65197
- National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]
- NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, \$3.00 a year, \$3.00 additional for foreign mailing; single copy, 25c.
- 4772 National electric rate book: Alabama. Nov. 1966. [2]+15 p. 4° [Issued with perforations. Supersedes issue of Oct. 1965.] ● Item 437-A-1  
 FP 1.18: A11 b/966
- 4773 — Delaware. Nov. 1966. [2]+6 p. 4° [Issued with perforations. Supersedes issue of Oct. 1965.] ● Item 437-A-7 FP 1.18: D 37/966
- 4774 — Maryland and District of Columbia. Nov. 1966. [2]+11 p. 4° [Issued with perforations. Supersedes issue of Oct. 1965.] ● Item 437-A-18  
 FP 1.18: M 36/966
- 4775 — Nebraska. Nov. 1966. [2]+16 p. 4° [Issued with perforations. Supersedes issue of Oct. 1965.] ● Item 437-A-25 FP 1.18: N 27/966
- 4776 — Nevada. Nov. 1966. [2]+7 p. 4° [Issued with perforations. Supersedes issue of Oct. 1965.] ● Item 437-A-26 FP 1.18: N 41/966
- 4777 — North Dakota. Oct. 1966. [2]+8 p. 4° [Issued with perforations. Supersedes issue of Sept. 1965.] ● Item 437-A-32  
 FP 1.18: N 81 d/966
- 4778 — Oklahoma. Nov. 1966. [2]+20 p. 4° [Issued with perforations. Supersedes issue of Nov. 1965.] ● Item 437-A-34 FP 1.18: Ok 4/966
- 4779 Your career with Federal Power Commission. 1967. cover title, 28 p. il. 4° [Text on p. 2 of cover.] † ● Item 436 FP 1.2: C 18

### FEDERAL REGISTER OFFICE, General Services Administration Washington, D.C. 20408

Public papers of Presidents of United States: Lyndon B. Johnson, containing public messages, speeches, and statements of the President, 1965.  
 ● Item 574-A

- 4780 bk. 2. June 1-Dec. 31, 1965. 1966. lxii+[1]+597-1206+A-84 p. 1 por. large 8° \* Cloth, \$6.25.  
 L.C. card 58-61050 GS 4.113: 965/bk.2

### FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, D.C. 20551

- 4781 Adjusting balance of payments deficits through capital accounts, remarks of Sherman J. Maisel, member, Board of Governors of Federal Reserve System, at 1967 Business Conference of School of Business Administration, University of Oregon, Portland, Oreg., Feb. 1, 1967. 1967. [1]+13 p. 4° † FR 1.23: M 28/8
- 4782 Annual par list, Oct. 1966, errata. [1966.] 1 p. 4° † FR 1.9: 966/errata
- 4783 Balance of payments program, revised guidelines for banks and nonbank financial institutions. [1966.] [1]+1754-60 p. 4° [Reprinted from Federal reserve bulletin, Dec. 1966.] † FR 1.3/a: B 182/2/966

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- 4784 Central banker reappraises CD's [certificates of deposit], remarks by J. Dewey Daane, member, Board of Governors of Federal Reserve System before 19th National Credit Conference, American Bankers Association, New York, N.Y., Jan. 31, 1967. [1967.] [1]+21 leaves, 4° †  
FR 1.23: D 11/12
- 4785 Federal Reserve Board publications. Dec. 1966. 4 p. 4° † FR 1.45: 966
- 4786 Interest rates versus interest ceilings in allocation of credit flows, remarks of George W. Mitchell, member, Board of Governors of Federal Reserve System, at annual meeting of American Finance Association, San Francisco, Calif., Dec. 23, 1966. 1966. [1]+18 leaves, 4° †  
FR 1.23: M 69/37
- 4787 International responsibilities of Federal reserve, remarks of Wm. McC. Martin, jr., Chairman, Board of Governors of Federal Reserve System, at annual dinner of Overseas Bankers Club, Guildhall, London, England, Jan. 30, 1967. 1967. [1]+15 p. 4° † FR 1.23: M 36/20
- Regulation (series). †
- 4788 D. Reserves of member banks, as amended, effective Jan. 1, 1967. [1966.] [3]+10 p. [Title 12, Code of Federal regulations, pt. 204.] FR 1.6: D/967
- 4789 D. Same: sec. 204.5, supplement, effective Jan. 5, 1967. [1966.] 2 p. †  
FR 1.6: D/967/supp.
- 4790 Revised index of manufacturing capacity; [by] Frank de Leeuw with Frank E. Hopkins and Michael D. Sherman. [1966.] p. 1605-1615, il. 4° (Staff economic study.) [Reprinted from Federal reserve bulletin, Nov. 1966.] † FR 1.3/a: M 319/6
- 4791 Time deposits and financial flows. [1966.] [1]+1739-52 p. il. 4° [Reprinted from Federal reserve bulletin Dec. 1966.] † FR 1.3/a: D 441/12
- 4792 Toward understanding of whole developing economic situation; [by] Frank R. Garfield. [1966.] p. 1591-1604, 4° (Staff economic study.) [Reprinted from Federal reserve bulletin, Nov. 1966.] †  
FR 1.3/a: Fc 74/10

## FEDERAL SUPPLY SERVICE, General Services Administration Washington, D.C. 20405

- 4798 Federal specifications. ● Item 563 GS 2.8:  
NOTE.—These specifications are now so completely covered by the Index of Federal specifications, standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.  
Complete information on the Index of Federal specifications will be found in the May 1966 issue of the Monthly Catalog under Entry number 7426 and in the Appendix to the February 1967 issue under Entry number 3409.  
Federal standards. [Issued with perforations.] ● Item 563  
GS 2.8/3: (nos.)  
NOTE.—Federal standards may be purchased from the General Services Administration, Business Service Center, Region 3, 7th and D Streets SW., Washington, D.C. 20407. *All checks and money orders should be made payable to the Treasurer of the United States.* Single copies are available without charge at the nearest GSA regional office.
- 4794 140a. Tablets (for medicinal purposes). Oct. 30, 1966. [1]+14 p. 4° [Supersedes Int. Fed. Std. 00140 (Navy-BuMed), Dec. 17, 1959.] † Paper, 10c.
- 4795 515/26. Fuel tanks and tank filler pipes for automotive vehicles; July 15, 1966. 1966. 1 p. 4° [Effective Oct. 13, 1967. Published in Federal Register, v. 31, no. 136, pt. 2, July 15, 1966.] † Paper, 5c.
- 4796 515a. Standard safety devices for automotive vehicles; July 15, 1966. [1966.] 3 p. 4° [Effective Oct. 13, 1967. Supersedes on Oct. 13, 1967, Fed. std. 515, June 30, 1965. Published in Federal Register, v. 31, no. 136, pt. 2, July 15, 1966.] †
- 4797 General stores stock catalog: Jan. 1967 supplement to Jan. 1966 hand tool section. [1966.] [2]+5 p. 4° \* Paper, 5c. ● Item 565-B  
GS 2.10/2-2: 966/supp.-4

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# GOVERNMENT PUBLICATIONS

## FEDERAL TRADE COMMISSION

Washington, D.C. 20580

- 4798 Economic report on manufacture & distribution of automotive tires, staff report. Mar. 1966. [2]+xviii+117 p. il. \* Paper, 45c. ● Item 535  
L.C. card 67-60641 FT 1.2: T 51
- 4799 Enforcement policy with respect to vertical mergers in cement industry. Jan. 3, 1967. [1]+12 p. 4° † FT 1.2: C 33/3

## FEDERAL WATER POLLUTION CONTROL ADMINISTRATION, Interior Dept., Washington, D.C. 20242

- 4800 Identification and measurement of chlorinated hydrocarbon pesticides in surface waters [with list of references]; by A. W. Breidenbach [and others]. [Nov. 1966.] ix+70 p. il. 4° ([WP-22.]) [Formerly issued as Public Health Service publication 1241.] † ● Item 607-C  
I 67.8: P 43

## FISH AND WILDLIFE SERVICE, Interior Dept. Washington, D.C. 20240

### Circular.

- 4801 251. Annual report, Bureau of Commercial Fisheries Technological Laboratory, Pascagoula, Miss., fiscal year 1965 [with list of publications]; by Travis D. Love, Mary H. Thompson. Nov. 1966. iv+25 p. il. 4° (Bureau of Commercial Fisheries.) †  
L.C. card 67-60644 I 49.4: 251

### Fish disease leaflet FDL--(series).

- 4802 8. Bacterial kidney disease of Salmonid fishes [with annotated bibliography]; by Ken Wolf. Oct. 1966. 4 p. 4° (Bureau of Sports Fisheries and Wildlife.) [Formerly Fishery leaflet 566, revision of FL 465.] † I 49.28/3: 8

### Refuge leaflets. (Bureau of Sport Fisheries and Wildlife.)

I 49.44: (nos.)

- 4803 41. Bombay Hook National Wildlife Refuge. [1958, revised Sept. 1966.] [1966.] 4 p. il. 4° †
- 4804 126. Birds and Arkansas National Wildlife Refuge. [Revised edition.] [Sept. 1966.] 4 p. 4° †
- 4805 408. 1967 address list of refuge managers. [Revised edition.] Oct. 1966. 13 p. 4° †
- 4806 526. Eufaula National Wildlife Refuge. 1966. [2] p. il. 4°, folded into narrow 8° size. \* Paper, 5c. ● Item 612-C
- 4807 Report of Bureau of Commercial Fisheries for calendar year 1964. 1966 [published 1967.] vi+134 p. il. † ● Item 613-A  
L.C. card 62-61454 I 49.1/2: 964

### Resource publication.

- 4808 32. National wildlife refuges, 1966. [1967.] cover title, 28 p. il. 4° ([Bureau of Sport Fisheries and Wildlife.]) [Text and other illustrations on p. 2-4 of cover.] \* Paper, 35c. ● Item 613-B I 49.66: 32

### Special scientific reports: Wildlife (series). (Bureau of Sport Fisheries and Wildlife.) ● Item 614-C I 49.15/3: (nos.)

- 4809 85. Birds and aircraft on Midway Islands, 1959-63 investigations [with list of references]; by Charles S. Robbins. Oct. 1966. vi+83 p. il. 4° \* Paper, 40c.
- 4810 98. Wild animals as source of food [with list of references]; by Lee M. Talbot. June 1966. iv+16 p. 4° (Bureau of Sport Fisheries and Wildlife.) [Illustrations on p. 1 and 4 of cover.] \* Paper, 20c.

### Technical papers. (Bureau of Sport Fisheries and Wildlife.) † ● Item 615-A I 49.68: (nos.)

- 4811 4. Flathead Lake (Montana) fishery investigations, 1961-64 [with list of references]; by Otis Robbins, Jr., with statistical analysis by Donald D. Worlund. Jan. 1966. [2]+26+[19] p. il. 4°
- 4812 10. Marking fish with dyes and other chemicals [with list of references]; by Dean E. Arnold. June 1966. 44 p. 4°

\*For Sale by Superintendent of Documents

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## FLIGHT STANDARDS SERVICE, Federal Aviation Agency Washington, D.C. 20553

- 4818 Ground instructor examination guide, basic-advanced. Revised [edition]. 1966. [1]+ii+60 p. il. map, 4° ([Advisory circular AC 143-1A.]) [Includes list of recommended study materials. Map is colored, and inserted in publication. Errata sheet, 1 p., issued also.] \* Paper, 70c. ● Item 431-F-3 FAA 5.8/2: G 91/4/966

## FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

FDA papers; [Gifford D. Hampshire, editor]. [Issued 10 times a year.] \* Paper, \$5.50 a yr., \$1.25 additional for foreign mailing; single copy 60c. ● Item 475-H FS 13.123: (v.nos.& nos.)

- 4814 vol. 1, no. 1— Feb. 1967—

FDA publication.

- 4815 1. How the FDA works for you. [1966.] [2] p. il. f°, folded into narrow 8° size. † ● Item 475-A FS 13.111: 1/3

## FOREIGN AGRICULTURAL SERVICE, Agriculture Dept. Washington, D.C. 20250

[Foreign Agricultural Service, miscellaneous] FAS-M (series). † A 67.20: (nos.)

- 4816 140. Canadian wheat marketing; [by Gordon Lloyd]. Revised [edition]. Dec. 1966. ii+14 p. il. 4° L.C. card Agr 67-88
- 4817 182. World production and trade, tallow & greases; [by John DeCourcy]. Jan. 1967. iii+28 p. 4° L.C. card Agr 67-75

- 4818 Foreign commercial markets, talk by Raymond A. Ioanes, Administrator, Foreign Agricultural Service, at 44th annual Agricultural Outlook Conference, Washington, D.C., Nov. 14, 1966. [1966.] 14 p. 4° † A 67.13: Io 1/21

## FOREIGN SCHOLARSHIPS BOARD Operations Staff, % Bureau of Educational and Cultural Affairs, Department of State Building, Washington, D.C. 20520

NOTE.—The Board of Foreign Scholarships was authorized by the Mutual educational and cultural exchange act of 1961 (Public law 256 of the 87th Congress, 1st session, approved Sept. 21, 1961).

- 4819 International educational exchange, opening decades 1946-66, report of Board of Foreign Scholarships. [1966.] 40 p. il. oblong 8° † Y 3.F 76/4: In 8/946-66

## FOREST SERVICE, Agriculture Dept. Washington, D.C. 20250

Forest pest leaflets. † ● Item 82-A A 13.52: (nos.)

- 4820 103. Ponderosa pine tip moth [with list of references]; by Robert E. Stevens. Oct. 1966. 6 p. il. L.C. card Agr 67-84
- 4821 104. Pales weevil [with list of references]; by Charles F. Speers. Jan. 1967. 4 p. il. L.C. card Agr 67-74

- 4822 Forestry schools in United States. [Revised Apr. 1966, slightly revised Dec. 1966.] [1966.] iv+17 p. (FS-9.) \* Paper, 15c. ● Item 84 A 13.2: Sch 6/966-2

- 4823 On sweetfern blister rust; [by] Roger S. Peterson. [1966.] p. 744-746 4° (Intermountain Forest and Range Experiment Station.) [Reprinted from Plant disease reporter, v. 50, no. 10, Oct. 1966.] † A 77.511/a: Sw 36

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

- 4824 Publications from San Joaquin Experimental Range, 1935-65; [by] H. Reed Sanderson and Don A. Duncan. 1966. cover title, 30 p. 4° (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.) [Text on p. 2 of cover.] †  
L.C. card Agr 66-360 A 13.62/11-2: Sa5/935-65
- 4825 Ranger 'rithmetic for 5th grade teachers. [Nov. 1966.] 12 p. il. 4° ([FS-5.]) † • Item 84 A 13.2: R 16/28
- Research note INT-(series). (Intermountain Forest & Range Experiment Station, Ogden, Utah.) † A 13.79: INT-(nos.)
- 4826 INT-47. Diameter growth of western white pine following precommercial thinning; [by] Glenn H. Deitschman. 1966. 4 p. il. 4° 4849
- 4827 INT-48. Bibliography of publications by Intermountain Forest and Range Experiment Station on genetics and breeding of forest trees, 1921-65; compiled by Vendla K. Roberts. 1966. 8 p. 4° 4850
- 4828 INT-49. Procedure for forecasting western larch seed crops; [by] Arthur L. Roe. 1966. 7 p. il. 4°
- 4829 INT-50. Growth opportunities for young western larch [with list of literature cited; by] Wyman C. Schmidt. 1966. 4 p. il. 4° [Paper presented at 1966 meeting of Northwest Scientific Association.]
- 4830 INT-51. Some causes of natural tree mortality in old-growth ponderosa pine stands in western Montana; [by] Philip C. Johnson. 1966. 4 p. 4°
- 4831 INT-54. Soil moisture depletion by gambel oak in northern Utah; [by] Ronald K. Tew. 1966. 6+ [1] p. 4° 4851
- Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) † A 13.79: NE-(nos.) 4852
- 4832 NE-48. Site index of Delaware-Maryland sweetgum stands in relation to soil characteristics; [by] John J. Phillips. 1966. 5 p.
- 4833 NE-49. Defects in birch associated with injuries made by *Xyloterinus politus* Say; [by] Alex L. Shigo. 1966. 7 p. il. 4853
- Research note NOR-(series). (Northern Forest Experimental Station, Juneau, Alaska.) † A 13.79: NOR-(nos.) 4854
- 4834 NOR-18. Effects of slash burning on conifer regeneration in southeast Alaska; by A. S. Harris. July 1966. 6 p. il. 4° 4855
- 4835 NOR-19. Specific gravity of increment cores from Interior Alaska trees; by J. David Born. Dec. 1966. 4 p. 4° 4856
- Research note PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.) † A 13.79: PNW-(nos.)
- 4836 PNW-42. Compatibility of balloon fabrics with ammonia; by Hilton H. Lysons. Sept. 1966. 9 p. il. 4° †
- 4837 PNW-43. Labor requirements in thinning Douglas-fir and western hemlock on 2 experimental forests in western Washington; by Norman P. Worthington. Sept. 1966. 12 p. il. 4° † 4857
- Research note PSW-(series). (Pacific Southwest Forest & Range Experiment Station, Berkeley, Calif.) † A 13.79: PSW-(nos.)
- 4838 PSW-110. Evaluating winds aloft by simplified field technique; [by] Melvin K. Hull. 1966. 9 p. il. 4° 4858
- 4839 PSW-111. Disposal of logging slash, thinnings, and brush by burying; [by] Harry E. Schimke and Ronald H. Dougherty. 1966. 4 p. 4° 4859
- 4840 PSW-113. Seed fall and regeneration from group selection cut, 1st year results [with list of literature cited; by] Philip M. McDonald. 1966. 6 p. il. 4° 4860
- 4841 PSW-114. Clearcut harvesting costs and production rates for young-growth mixed conifer stands; [by] William A. Atkinson and Dale O. Hall. 1966. 2 p. 4° 4861
- 4842 PSW-115. Herbicides for site preparation, broadcast spray by mist blower tested against understorey in Hawaii rain forest; [by] Stanley B. Carpenter. 1966. 8 p. il. 4°
- 4843 PSW-116. Paintability of 2 Hawaii-grown woods, 1st progress report; [by] R. Sidney Boone. 1966. 6 p. il. 4°
- 4844 PSW-118. Brushfield reclamation, 2d year results from study of reforestation with ponderosa pine are encouraging; [by] Philip M. McDonald. 1966. 8 p. il. 4°
- 4845 PSW-120. MAP [macro assembly program] read-routine for IBM 7094 Fortran II binary tapes; [by] Robert S. Helfman. 1966. 3 p. 4°
- Research paper FPL-(series). (Forest Products Laboratory, Madison, Wis.)
- 4846 FPL-58. Light-induced free radicals in wood [with list of literature cited; by Martin A. Kainins, Cornelius Steelink and Harold Tarkow]. Oct. 1966. cover title, 8 p. il. 4° [Text on p. 2 of cover. Abstract cards inserted.] † A 13.78: FPL-58

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

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# MARCH 1967

## Research paper INT-(series). (Intermountain Forest and Range Experiment Station, Ogden, Utah.) † A 13.78: INT-(nos.)

- 4847 INT-30. Fire spread characteristics determined in laboratory [with list of literature cited]; by Richard C. Rothermel and Hal E. Anderson. 1966. [2]+34+[1] p. il. 4° [Text on p. 2 of cover.]
- 4848 INT-31. Limb rust damage to pine [with list of literature cited]; by Roger S. Peterson. 1966. [2]+10 p. il. 4° [Text on p. 2 of cover. Abstract cards inserted.]

## Research paper NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) † A 13.78: NE-(nos.)

- 4840 NE-54. Germination & growth of paper birch & yellow birch in simulated strip cuttings [with list of literature cited]; by David A. Marquis. 1966. cover title, 19 p. il. [Text on p. 2 of cover. Abstract cards inserted.]
- 4850 NE-55. Costs & returns for hardwood lumber production in Appalachian region of Kentucky and Ohio; by James C. Whitaker and Orris D. McCauley. 1966. cover title, 10 p. il. [Text on p. 2 of cover. Abstract cards inserted.]

## Research paper PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.) A 13.78: PNW-(nos.)

- 4851 PNW-34. Absorption and distribution of C<sup>14</sup>-labeled tetramine in relation to its possible use in animal damage control [with list of literature cited]; by M. A. Radwan. July 1966. cover title, 16+[1] p. il. 4° †
- 4852 PNW-35. Infestation characteristics of balsam woolly aphid in Pacific Northwest [with list of literature cited]; by Russell G. Mitchell. 1966. cover title, [1]+18 p. il. 4° [Abstract cards inserted.] †

## Research paper PSW-(series). (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.) † A 13.78: PSW-(nos.)

- 4853 PSW-28. Silvical characteristics of redwood (*sequoia sempervirens* [D. Don] Endl.) [with list of literature cited]; by Douglass F. Roy. 1966 [2]+20 p. il. 4° [Abstract cards inserted.]
- 4854 PSW-29. Phenology and growth habits of pines in Hawaii [with list of literature cited]; by Ronald M. Lanner. 1966. cover title, [2]+25 p. il. 4° [Abstract cards inserted.]
- 4855 PSW-30. Some characteristics of 3-dimensional structure of Santa Ana winds [with list of literature cited]; by Michael A. Fosberg, Clyde A. O'Dell, and Mark J. Schroeder. 1966. cover title, [4]+35 p. il. 4° [Abstract cards inserted. Work performed by Forest Service for Office of Civil Defense through Naval Radiological Defense Laboratory, San Francisco, Calif., under contract OCD-PS-65-27 (subtask 2535A).]
- 4856 PSW-32. Artificial ripening of sugar pine seeds; [by] Stanley L. Krugman. 1966. cover title, 7 p. il. 4° [Text on p. 2 of cover. Abstract cards inserted.]

## Resource bulletin NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.)

- 4857 NE-3. Pulpwood production in Northwest, 1963; by Neal P. Kingsley. 1966. cover title, [1]+26 p. il. [Text on p. 2 of cover. Abstract cards inserted. One illustration is colored.] † A 13.80: NE-3

## Resource bulletin PSW-(series). (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.) † A 13.80: PSW-(nos.)

- 4858 PSW-3. Plantation timber on Island of Hawaii, 1965; by Robert E. Nelson and Nobuo Honda. 1966. cover title, [4]+52 p. il. 4° [Prepared in cooperation with Division of Forestry, Department of Land and Natural Resources, Hawaii.]
- 4859 PSW-4. Commercial forest area and timber volume in California, 1963; [by] Daniel D. Oswald and E. M. Hornbrook. 1966. cover title, [2]+16 p. 4°
- 4860 PSW-5. Forest statistics for Del Norte County, Calif., 1965; [by] Daniel D. Oswald and Gerald S. Walton. 1966. cover title, [2]+12 p. 4°
- 4861 State and privately-owned land protection within national forest protection areas, in-service, final summary; July 1966. Revised Oct. 1966 [1966.] 1 p. 4° (1380 (3100) reports, Protection of S&P lands inside national forest areas; Division of Cooperative Forest Fire Control, Washington, D.C.) † A 13.2: L 22/966

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

## GENERAL ACCOUNTING OFFICE

Washington, D.C. 20548

- 4862 Report to Congress of United States: Audit of Farm Credit Administration and certain banks of Farm Credit System, fiscal year 1966; by Comptroller General of United States. Jan. 1967. cover title, [4] leaves+48 p. 4° † Paper, \$1.00.  
L.C. card 47-46657 GA 1.13: F 22/966
- 4863 — Examination of financial statements, fiscal year 1966, Federal Crop Insurance Corporation, Department of Agriculture; by Comptroller General of United States. Jan. 1967. cover title, [4] leaves+13 p. 4° † Paper, \$1.00  
L.C. card 65-61371 GA 1.13: F 31/15/966
- 4864 — Examination of financial statements, fiscal year 1966, Federal Prison Industries, Inc., Department of Justice; by Comptroller General of United States. Jan. 1967. [3]+13 leaves, 4° † Paper, \$1.00.  
GA 1.13: F 31/16/966
- 4865 — Examination of financial statements, fiscal year 1966, Veterans Canteen Service, Veterans Administration; by Comptroller General of United States. Jan. 1967. cover title, [4] leaves+4 p. 4° † Paper, \$1.00.  
L.C. card 67-60666 GA 1.13: V 64/13/966
- 4866 — Feasibility of using United States-owned excess foreign currencies instead of dollars to pay for ocean shipment of military assistance program materiel, Department of Defense and other Government agencies; by Comptroller General of United States. Dec. 1966. cover title, [4] leaves+30 p. 4° † Paper, \$1.00.  
L.C. card 67-60216 GA 1.13: C 93/5
- 4867 — Need for improving administration of cost or pricing data requirements of Public law 87-653 in award of prime contracts and subcontracts, Department of Defense; by Comptroller General of United States. Jan. 1967. cover title, [6] leaves+62 p. 4° † Paper, \$1.00.  
L.C. card 67-60542 GA 1.13: C 81/3
- 4868 — Need for improving procedures to ensure compliance with law regarding deposition of industrial waste solids into navigable waters, Corps of Engineers (civil functions), Department of Army; by Comptroller General of United States. Dec. 1966. cover title, [4] leaves+25 p. 4° † Paper, \$1.00.  
L.C. card 67-60271 GA 1.13: W 28
- 4869 — Need for more effective action to correct conditions disclosed by internal audits, Bureau of Employment Security, Department of Labor; by Comptroller General of United States. Jan. 1967. [5]+19 leaves, 4° † Paper, \$1.00.  
L.C. card 67-60462 GA 1.13: Au 2
- 4870 — Need for prompt adjustment in compensation payments to injured Federal employees from total to partial disability rates, Bureau of Employees' Compensation, Department of Labor; by Comptroller General of United States. Jan. 1967. cover title, [4] leaves+26 p. 4° † Paper, \$1.00.  
L.C. card 67-60358 GA 1.13: D 63/14
- 4871 — Need to resolve differences in procedures used by Federal timber management agencies in appraising timber offered for sale, Forest Service, Department of Agriculture, Bureau of Indian Affairs, Bureau of Land Management, Department of Interior; by Comptroller General of United States. Dec. 1966. cover title, [6] leaves+84 p. 4° † Paper, \$1.00.  
L.C. card 67-60270 GA 1.13: T 48/7
- 4872 — Opportunities for reducing costs of transporting donated commodities to State agencies, Consumer and Marketing Service, Department of Agriculture; by Comptroller General of United States. Dec. 1966. cover title, [4] leaves+33 p. 4° † Paper, \$1.00.  
L.C. card 67-60269 GA 1.13: C 73/22

\*For Sale by Superintendent of Documents  
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‡Official Use. Not Available

# MARCH 1967

- 4873 — Payment of certain severance benefits to former Foreign Service officers, Department of State; by Comptroller General of United States. Jan. 1967. cover title, [4] leaves+16 p. 4° † Paper, \$1.00.  
L.C. card 67-60621 GA 1.13: F 76/7
- 4874 — Potential savings through changes in legislation affecting compensation of rural carriers and consolidation of rural routes, Post Office Department; by Comptroller General of United States. Dec. 1966. cover title, [4] leaves+22 p. 4° † Paper, \$1.00.  
L.C. card 67-60218 GA 1.13: R 88/4
- 4875 — Report on examination of financial statements, fiscal year 1966, Housing Assistance Administration, Department of Housing and Urban Development; by Comptroller General of United States. Jan. 1967. cover title, [2] leaves+29 p. 4° † Paper, \$1.00.  
L.C. card 67-60661 GA 1.13: H 81/37/966
- 4876 — Review of administration of District of Columbia nonresident tuition act, Board of Education, District of Columbia Government; by Comptroller General of United States. Jan. 1967. [5]+42 leaves, 4° † Paper, \$1.00.  
L.C. card 67-60464 GA 1.13: D 63/15
- 4877 — Review of circumstances relating to collapse of John Day River Bridge on interstate route 80N in Oregon, Bureau of Public Roads, Department of Commerce, and Corps of Engineers (civil functions), Department of Army; by Comptroller General of United States. Dec. 1966. [5]+40 leaves, il. 4° † Paper, \$1.00.  
L.C. card 67-60267 GA 1.13: J 61
- 4878 — Review of determinations of wage rates for construction of Carters Dam, Ga., Department of Labor; by Comptroller General of United States. Dec. 1966. cover title, [4] leaves+35 p. 4° † Paper, \$1.00.  
L.C. card 67-60219 GA 1.13: C 24
- 4879 — Review of effort to collect or otherwise settle certain debtors' accounts, Farmers Home Administration, Department of Agriculture; by Comptroller General of United States. Jan. 1967. cover title, [7]+29 p. 4° † Paper, \$1.00.  
L.C. card 67-60350 GA 1.13: Ac 2/6
- 4880 — Review of policies and procedures used in determining administrative office space to be provided in major postal facilities, Post Office Department; by Comptroller General of United States. Dec. 1966. cover title, [5] leaves+39 p. il. 4° † Paper, \$1.00.  
L.C. card 67-60268 GA 1.13: Sp 1/2
- 4881 — Review of procurement of foreign produced aircraft ejection-seat system, Department of Defense; by Comptroller General of United States. Jan. 1967. cover title, [4] leaves+51 p. il. 4° † Paper, \$1.00.  
L.C. card 67-60463 GA 1.13: Se 1/3
- 4882 — Savings available for purchasing rather than leasing commercial two-way radio equipment, Department of Defense; by Comptroller General of United States. Jan. 1967. [3] leaves+28 p. 4° † Paper, \$1.00.  
L.C. card 67-60351 GA 1.13: R 11/13

## GENERAL SERVICES ADMINISTRATION Washington, D.C. 20405

- 4888 Annual report of Administrator of General Services, [fiscal year] 1966. [1967.] viii+48 p. il. [Title on cover is: Administrator's annual report, General Services Administration, fiscal year 1966.] † ● Item 558  
L.C. card 50-60567 GS 1.1: 906
- 4884 Federal Fire Council publications. Dec. 1966. 2 p. 4° † GS 1.14/5: P 96
- 4885 Guide to specifications and standards of Federal government. [1966.] cover title, iii+36 p. il. † ● Item 559-B  
L.C. card 67-60671 GS 1.6/6: Sp 3/966

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# GOVERNMENT PUBLICATIONS

## GEOLOGICAL SURVEY, Interior Dept. Washington, D.C. 20405

### Bulletins. • Item 620

I 19.3: (nos.)

- 4886 1198-G. Copper mosses as indicators of metal concentrations [with list of literature cited]; by Hansford T. Shacklette. 1967. iii+18+[3] p. ll. [Study of mosses that grow on substrates which contain large amounts of metals and use of these plants in mineral prospecting. Contributions to geochemical prospecting for minerals. Includes title page and table of contents to Bulletin 1198.] \* Paper, 15c.
- 4887 1221-E. Structure and metamorphism in Mono Craters quadrangle, Sierra Nevada, Calif. [with list of references cited]; by Ronald W. Kistler. 1966. v+53 p. ll. 2 pl. in pocket. [Contributions to general geology.] \* Paper, 50c.
- 4888 1242-A. Aeromagnetic and tectonic analysis of upper Mississippi Valley zinc-lead district [with list of selected references]; by Allen V. Heyl and Elizabeth R. King. 1966. iii+16 p. ll. 1 pl. in pocket. [Prepared in cooperation with Wisconsin Geological and Natural History Survey. Magnetic study indicating major geologic structures in basement rock which controlled in part locations of overlying deposits. Contributions to economic geology. Plate is colored.] \* Paper, 70c.

### Professional papers. • Item 624

I 19.16: (nos.)

- 4889 529-A. Atlantic Continental Shelf and slope of United States, geologic background [with list of references cited]; by K. O. Emery. 1966. iii+23 p. ll. 4° [Background discussion for comprehensive investigation of marine geology and associated hydrology of Atlantic continental margin.] \* Paper, 30c.
- 4890 581. Chitons and gastropods (Haliotidae through Acanthinae) from western Pacific Islands [with list of references]; by Harry S. Ladd. 1966. iv+98+[2] p. ll. 16 pl. 4° [Description and preliminary paleoecologic interpretations of fossil mollusks from 7 island groups.] \* Paper, \$1.25.
- 4891 550-A. Geological Survey research 1966, chap. A. 1966 [published 1967]. [1]+viii+[1]+385 p. ll. 4° [Summary of recent significant scientific and economic results accompanied by list of publications released in fiscal 1966, list of geologic and hydrologic investigations in progress, and report on status of topographic mapping. Includes title page to Professional paper 550.] \* Paper, \$2.50.

### Water-supply papers. • Item 625

I 19.13: (nos.)

- 4892 1592-C, D. Free-surface instability correlations and Roughness-concentration effects on flow over hydrodynamically rough surfaces [with lists of references]; by H. J. Kolosovs and Jacob Davidian. 1966. vii+72+iv+21 p. ll. [Prepared in cooperation with Iowa Institute of Hydraulic Research. Laboratory studies of open-channel flow.] \* Paper, 40c.
- 4893 1819-I. Ground-water development in High Plains of Colorado [with list of selected references]; by Arnold J. Boettcher; with section on Chemical quality of ground water, by Robert Brennan. 1966. iv+22 p. ll. 3 pl. in pocket. [Prepared in cooperation with Colorado Water Conservation Board. Contributions to hydrology of United States.] \* Paper, \$1.00.
- 4894 1825. Geology and hydrology of northeastern Nassau County, Long Island, New York [with list of references cited]; by John Isbiester. 1966. vi+89 p. ll. 5 pl. in pocket. [Prepared in cooperation with Nassau County Department of Public Works and New York State Water Resources Commission.] \* Paper, \$2.00.
- 4895 1838. Reservoirs in United States [with list of literature cited]; by R. O. R. Martin and Ronald L. Hanson. 1966. vi+115 p. ll. 1 pl. in pocket. [Revising and superseding Geological Survey water supply paper 1360-A, Reservoirs in United States, by Nathan O. Thomas and G. Earl Harbeck, Jr., 1956.] \* Paper, \$1.00.

## HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, D.C. 20201

- 4896 Mental retardation publications of Department of Health, Education, and Welfare. Dec. 1966. [1]+51 p. 4° (Secretary's Committee on Mental Retardation.) † • Item 444-B  
L.C. card 67-60465 FS 1.18: M 52
- 4897 National blueprint for public welfare; [by Helen E. Martz]. 1966. cover title, [1]+22 p. ll. 4° [Reprint from Health, education, and welfare indicators, Nov. 1966.] \* Paper, 20c. FS 1.20/a: P 96

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- 4898 State salary ranges, selected classes [of positions] in employment security, public welfare, public health, mental health, vocational rehabilitation, civil defense, emergency planning; July 1, 1966. [1966.] cover title, [1]+vi+45 p. 4° (Division of State Merit Systems.) †  
L.C. card 62-61754 FS 1.22: 966-2

### HOUSING AND URBAN DEVELOPMENT DEPARTMENT

Washington, D.C. 20410

- 4899 Housing intern program planned for accelerated professional growth and advancement. [1966.] [8] p. ll. oblong 48° † ● Item 582  
HH 1.2: In 82/966

HUD IP-(series). † ● Item 582-G HH 1.27: (nos.)

- 4900 4. Rent supplement program for low-income families. [Aug. 1966.] [1]+12+[1] p. narrow 8°  
4901 5. How FHA helps on home trade-ins. Nov. 1966. [4] p. ll. narrow 8° (Consumer bulletin; Federal Housing Administration.) [Formerly FHA 793.]  
4902 6. Beautifying urban America, questions and answers on Federal beautification and open-space land programs. Revised Sept. 1966. [1966.] 8 p. 4° [Illustrations on p. 1 and 2 of cover.]  
4903 9. Financing condominiums through FHA. Nov. 1966 [published 1967.] [2]+4 p. narrow 8° (Consumer bulletin; Federal Housing Administration.) [Replaces FHA 491.]  
4904 41. FHA insured loans for major home improvement. Nov. 1966. 8 p. narrow 8° (Consumer bulletin; Federal Housing Administration.) [Formerly FHA 206.]

HUD MP (series). ● Item 582-H HH 1.28: (nos.)

- 4905 2. 60 books on housing and urban planning. May 1966. [2]+1+19 p. (Library.) [Aug. 1966 appears on cover.] †  
4906 10. Federal employee's guide to housing in Washington. [Jan. 1967.] cover title, 20 p. ll. 4° \* Paper, 30c.  
4907 37. Job where the action is. [1966.] [2]+14 p. ll. narrow 8° †

HUD-PG-(series). ● Item 582-F HH 1.29: (nos.)

- 4908 2. Minimum design standards for community sewerage systems. Revised Nov. 1966. [1966.] vi+39 p. ll. 4° (Federal Housing Administration.) [Formerly FHA 720. Issued with perforations.] †  
4909 47. [Improving quality of urban life], program guide, model neighborhoods in demonstration cities, title 1 of Demonstration cities and metropolitan development act of 1966. [1967.] iv+51 p. 4° (Office of Demonstrations and Intergovernmental Relations.) \* Paper, 55c.

### IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept.

Washington, D.C. 20536

- 4910 Report of passenger travel between United States and foreign countries, fiscal year 1966. [1966.] [6] leaves, oblong 8° (CO form 41 (rev. 1-1-65).) † Paper, \$2.00 per set (Annual and semiannual report).  
L.C. card 63-60646 J 21.13: 966

### INDIAN AFFAIRS BUREAU, Interior Dept.

Washington, D.C. 20240

- 4911 Anthology of poetry and verse written by students in creative writing classes and clubs during first 3 years of operation (1962-65) of Institute of American Indian Arts, Santa Fe, N. Mex. 1965. [3]+27 p. 12° (Branch of Education.) † Paper, 20c. (Publications Service, Haskell Institute, Lawrence, Kans.) I 20.2: P 75/4

### INTERIOR DEPARTMENT

Washington, D.C. 20240

NOTE.—Requests to the Interior Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

- 4912 A-B-seas of desalting. [1966.] iii+24 p. ll. (Office of Saline Water.) [Some illustrations are colored.] \* Paper, 25c. ● Item 603  
L.C. card 67-60417 I 1.2: D 45/2

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Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

- 4913 Creek and the city, urban pressures on a natural stream, Rock Creek Park and metropolitan Washington. [1966.] cover title, 52 p. il. oblong 12° [Includes list of some reading related to Rock Creek. Illustrations on front and back covers are colored.] \* Paper, 50c. I 1.2: C 86
- 4914 Remarks of Edward C. Crafts, Executive Director, President's Council on Recreation and Natural Beauty, before Natural Beauty and Recreation Congress, National Association of Counties, Honolulu, Hawaii, Jan. 28, 1967. 1967. 6 leaves, 4° † I 1.68: C 84
- [Saline water] research and development progress report. (Office of Saline water.)
- 4915 217. Acid mine water reserve osmosis test at Kittanning, Pa. [with one reference]; by A. Riedinger [and others]. Oct. 1966. III+69 p. il. 4° [Reports submitted by General Atomic Division of General Dynamics under contract 14-01-0001-752.] \* Paper, 45c. ● Item 604-A-1 I 1.88: 217

## INTERNAL REVENUE SERVICE, Treasury Dept. Washington, D.C. 20224

- 4916 Depreciation, investment, credit, amortization, depletion. [1967.] 20 p. 4° (Document 5050 (11-66).) † ● Item 961 T 22.19: D 44/2
- 4917 Looseleaf regulations system: Service 4, Excise taxes, transmittal 47. Nov. 25, 1966. [12] p. 4° ● Item 961 T 22.19/3: 4/trans.47
- NOTE.—Service 4 consists of pts. 40-42, 44-50, and 146-150 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$8.00 (including basic material and supplements issued irregularly for approximately 3 years); \$3.00 additional for foreign mailing.
- 4918 — Service 5, Procedure and administration, transmittal 31, Nov. 18, 1966. [43] p. 4° ● Item 961 T 22.19/3: 5/trans.31
- NOTE.—Service 5 consists of pts. 152, 301-303 and 601 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$4.50 (including basic material and supplements issued irregularly for approximately 3 years); \$1.00 additional for foreign mailing.
- 4919 Tobacco tax guide, transmittal 16; Feb. 15, 1967. [1967.] [122] p. 4° (Publication 404.) [Issued in looseleaf form.] \* Paper, \$3.50 (including basic guide and supplementary material for an indefinite period); \$1.00 additional for foreign mailing. ● Item 956-A T 22.19/5: 964/trans.16

## INTERNATIONAL COMMERCE BUREAU, Commerce Dept. Washington, D.C. 20230

- 4920 Building U.S. sales in expanding world market, text of address by E. E. Schnellbacher, Assistant Director, Bureau of International Commerce, Department of Commerce, prepared for delivery at luncheon of North Carolina World Trade Association, Wrightsville Beach, N.C., Jan. 24, 1967. [1967.] 8 p. 4° † C 42.18: Sch 5/17
- 4921 Export market bulletin: Paper finishing and conversion equipment and supplies, U.S. Trade Center, Stockholm, Sweden, Mar. 30-Apr. 7, 1967. [1967.] 5 leaves, 4° † C 42.2: P 19/2
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- 4929 Transport statistics in United States, 79th annual report on transport statistics for year ended Dec. 31, 1965; prepared by Bureau of Accounts. [Issued in section and parts punched for blinders. This 1965 report when completed will consist of pts. 1, 5, 6, 7, 8, and 9. Effective with this issue, data related to electric railways, formerly pt. 4, are combined into pt. 1 as sec. G.] \* Paper, subscription, \$5.00 for all parts of one year's report; \$1.25 additional for foreign mailing. ● Item 699  
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- 5087 — class L, Education; [edited by L. Belle Voegelien]. 3d edition. 1951, reprinted 1966. xi+200+69 p. large 8° (Processing Department, Subject Cataloging Division.) [Includes supplementary pages, Additions and changes to Apr. 1966.] † Paper, \$2.00, Card Division, Library of Congress, Building 159, Navy Yard Annex, Washington, D.C. 20541.  
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L.C. card 66-61846 L C 26.9: L/966
- 5088 — class R, Medicine; [edited by L. Belle Voegelien]. 3d edition. 1952, reprinted 1966. xiv+240+81 p. large 8° (Processing Department, Subject Cataloging Division.) [Includes supplementary pages, Additions and changes to Apr. 1966.] † Paper, \$2.00, Card Division, Library of Congress, Building 159, Navy Yard Annex, Washington, D.C. 20541.  
● Item 819  
L.C. card 66-61845 L C 26.9: R/966
- 5089 Literary recordings, checklist of archive of recorded poetry and literature in Library of Congress. 1966. iv+190 p. (General Reference and Bibliography Division, Reference Department.) \* Paper, 70c.  
● Item 806-C  
L.C. card 66-61600 L C 2.2: P 75/5/966

### MARITIME ADMINISTRATION, Commerce Dept. Washington, D.C. 20548

- 5090 Introducing Maritime Administration. [Jan. 1967.] [2]+14 p. il. oblong 16° † ● Item 235 C 39.202: M 82/2
- 5091 Safety aboard ship, based on NSA safe practice pamphlets. Dec. 1966 [Published 1967]. [4]+66 p. il. 4° (National Shipping Authority, Office of Ship Operations.) † C 39.206/3: Sa 1

### MEDICINE AND SURGERY BUREAU (Navy), Defense Dept. Washington, D.C. 20350

- 5092 [Handbook of Hospital Corps, Navy.] [Revised edition.] ([NAVMED P-5004.] [Prepared by Publications Division; edited by L. B. Marshall, D. R. Child. Issued in looseleaf form.] ● Item 385-B  
chap. 12. Medical Department support to Fleet Marine Force. Revised Sept. 1966. [1966.] 1+18 p. il. 4° D 206.6/3: H 79/chap. 12/rev.  
NOTE.—This handbook is sold on a subscription basis by the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, at \$13.00; \$3.50 additional for foreign mailing. Subscription consists of looseleaf binder with separators and approximately 17 chapters mailed as issued.

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- 5093 Manual of Medical Department, page change 33. Nov. 17, 1966. [40] p. 4° [Issued in looseleaf form.] † D 206.8/2: 952/ch. 33  
5094 —page change 34. Jan. 13, 1967. [16] p. 4° [Issued in looseleaf form.] † D 206.8/2: 952/ch. 34

## MILITARY HISTORY, OFFICE OF CHIEF OF (Army), Defense Dept. Washington, D.C. 20315

- 5095 Publications of Office Chief of Military History, United States Army. 1967. [2]+23 p. narrow 8° † • Item 344-B D 114.10: 967  
5096 United States Army in World War II: Technical services, Corps of Engineers, [v.2] War against Japan [with bibliographical note]; by Karl C. Dod. [1st printing.] 1966. xv+759 p. il. large 8° • Cloth, \$5.50.  
• Item 345  
L.C. card 66-60004 D 114.7: En 3/v.2

## MINES BUREAU, Interior Dept. Washington, D.C. 20240

- 5097 Abrasive materials; by Paul M. Ambrose. [1966.] [2]+18 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c.  
I 28.37/a: Ab 84/965  
5098 Cement; by Paul L. Allsman. [1967.] [2]+25 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c.  
I 28.37/a: C 332/965  
5099 Coal, bituminous and lignite; by W. H. Young and J. J. Gallagher. [1967.] [2]+3-120 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 35c.  
I 28.37/a: B 549/965  
5100 Coke and coal chemicals; by J. A. DeCarlo and E. T. Sheridan. [1966.] [2]+3-54 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 20c.  
I 28.37/a: C 669/2/965  
5101 Crude petroleum and petroleum products; by James G. Kirby and Betty M. Moore. [1967.] [2]+3-109 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 35c.  
I 28.37/a: P 448/3/965  
5102 Distribution of Pennsylvania anthracite for coal year Apr. 1, 1965-Mar. 31, 1966; [prepared by Marian I. Cooke, Emma E. Ryan, and Ruth A. Cooper]. [1966.] 12 p. il. f° (Mineral industry surveys; Anthracite distribution annual.) † Mines Bureau, Pittsburgh, Pa. 15213  
I 28.50/3: 965-66  
5103 Fluorspar in 1966; prepared by Paul M. Ambrose. Dec. 20, 1966. 1 p. 4° (Mineral industry survey: annual, preliminary.) † Mines Bureau, Pittsburgh, Pa. 15213  
I 28.70/2: 966/prelim.  
Information circulars. • Item 637-A I 28.27: (nos.)  
5104 8315. Wyoming iron-ore deposits, description, beneficiation processes and economics [with list of references]; by C. M. Harrer. [1966.] [2]+vi+114 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213  
L.C. card 67-60313  
5105 8318. Urbanization and mineral aggregate industry, Tucson, Ariz., area [with list of references]; by Frank E. Williams. [1967.] [2]+iv+23 p. il. 4° • Paper, 25c.  
5106 Iron ore in 1966; prepared by F. E. Brantley. Dec. 20, 1966. 1 p. 4° (Mineral industry surveys; annual, preliminary.) † Mines Bureau, Pittsburgh, Pa. 15213  
I 28.66/2: 966/prelim.  
5107 Lead; by Donald E. Moulds. [1966.] [2]+30 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c.  
I 28.37/a: L 469/965  
5108 Mineral industry of Alaska; by Kevin Malone, Donald P. Blasko, and Phil R. Holdsworth. [1967.] [2]+16 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 10¢.  
I 28.37/a2: A1 1s/965  
5109 Mineral industry of Australia; by Lester G. Morrell. [1967.] [2]+24 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c.  
I 28.37/a2: Au 78/965

‡For Sale by Clearinghouse, U.S. Department of  
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# GOVERNMENT PUBLICATIONS

- 5110 Mineral industry of Florida; by Lawrence E. Shirley and Robert O. Vernon. [1967.] [2]+19 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c. I 28.37/a2: F 66/965
- 5111 Mineral industry of Hungary; by Roman V. Sondermayer. [1967.] [2]+7 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a2: H 894/965
- 5112 Mineral industry of Kuwait-Saudi Arabia Neutral Zone; by James A. West. [1966.] [2]+2 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 5c. I 28.37/a2: K 969/2/965
- 5113 Mineral industry of Lebanon; by James A. West. [1966.] [2]+6 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 5c. I 28.37/a2: L 49/965
- 5114 Mineral industry of Louisiana; by Owen W. Jones and Leo W. Hough. [1967.] [2]+20 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c. I 28.37/a2: L 93/965
- 5115 Mineral industry of mainland China; by K. P. Wang. [1966.] [2]+14 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a2: C 441/965
- 5116 Mineral industry of Maryland; by Melvin E. Hinkle. [1966.] [2]+8 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a2: M 36/965
- 5117 Mineral industry of Michigan; by Donald F. Klyce. [1967.] [2]+19 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c. I 28.37/a2: M 58/965
- 5118 Mineral industry of New York; by Stanley A. Feltler. [1967.] [2]+18 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a2: N 42y/965
- 5119 Mineral industry of North Carolina; by John W. Sweeney and Stephen G. Conrad. [1966.] [2]+13 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a2: N 81c/965
- 5120 Mineral industry of South Dakota; by R. B. Stotelmeyer, William C. Henkes, and Duncan J. McGregor. [1967.] [2]+12 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a2: So 8d/965
- 5121 Mineral industry of Utah; by Herman W. Sheffer and William C. Henkes. [1966.] [2]+24 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c. I 28.37/a2: Ut 1/965
- 5122 Platinum-group metals in 1966; prepared by James A. Rowland. Dec. 19, 1966. 2 p. 4\* (Mineral industry surveys, annual, preliminary.) † Mines Bureau, Pittsburgh, Pa. 15213 I 28.77/2: 966/prelim.
- 5123 Rare-earth minerals and metals; by John G. Parker. [1966.] [2]+11 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 10c. I 28.37/a: R 182/965

## Report of investigations. • Item 637-A

I 28.23: (nos.)

- 5124 6888. Comparison of 2 methods for studying relative performance of explosives in rock [with list of references]; by Thomas R. Bur [and others]. [1967.] [2]+iv+40 p. il. 4\* [Based on work done in cooperation with Dow Chemical Co.] † Mines Bureau, Pittsburgh, Pa. 15213
- 5125 6889. Refining iron-contaminated zinc by filtration and centrifugation; by J. A. Ruppert and P. M. Sullivan. [1967.] [3]+15 p. il. 4\* † Mines Bureau, Pittsburgh, Pa. 15213
- 5126 6890. Theoretical stress distribution near explosively expanded rock bolt anchors [with list of references]; by M. S. Odenhoven and Lars Osen. [1967.] [2]+ii+10 p. il. 4\* † Mines Bureau, Pittsburgh, Pa. 15213
- 5127 6891. Bench-scale production of carbon disulfide from lignite char and sulfur; by E. A. Sondreal, A. M. Cooley, and R. C. Ellman. [1967.] [2]+ii+20 p. il. 4\* † Mines Bureau, Pittsburgh, Pa. 15213
- 5128 6893. Flexible liners for underground support, applicability considerations and experimental procedures [with bibliography]; by Ernest L. Corp and Robert C. Bates. [1967.] [2]+iii+90 p. il. 4\* † Mines Bureau, Pittsburgh, Pa. 15213

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- 5129 6894. Solid-state electromigration of impurities in cerium metal [with list of references]; by J. D. Marchant, E. S. Shedd, and T. A. Henrie. [1966.] [3]+13 p. il. 4° † Mines Bureau, Pittsburgh, Pa. 15213
- 5130 6899. Carbonizing properties of coals from Logan and Mingo Counties, W. Va.; by D. E. Wolfson, C. Ortuglio, and J. H. Lynch. [1967.] [3]+16 p. il. 4° [Contains list of other publications in series of county reports on coal carbonization, listed chronologically.] † Mines Bureau, Pittsburgh, Pa. 15213
- 5131 6903. Further studies on sympathetic detonation [with list of references]; by R. W. Van Dolah, F. C. Gibson, and J. N. Murphy. [1966.] [2]+il+35 p. il. 4° [Based on work done in cooperation with Manufacturing Chemists' Association, Washington, D.C.] † Mines Bureau, Pittsburgh, Pa. 15213
- 5132 Review of mineral-fuel industries; by Warren E. Morrison and Charles L. Readling. [1967.] [2]+3-36 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c. I 28.37/a: M 662/11/965
- 5133 Sand and gravel; by William R. Barton. [1966.] [2]+20 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c. I 28.37/a: Sa 56/965
- 5134 Stone; by William R. Barton. [1966.] [2]+26 p. il. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c. I 28.37/a: St 72/965
- 5135 Sulfur in 1966; prepared by Paul M. Ambrose. Dec. 20, 1966. [2] p. 4° (Mineral industry surveys; annual, preliminary.) † Mines Bureau, Pittsburgh, Pa. 15213 I 28.63/2: 966/prelim.
- 5136 Technologic trends in mineral industries (metals and nonmetals except fuels); by F. L. Wideman. [1966.] [2]+35 p. [Preprint from Minerals yearbook, 1965.] \* Paper, 15c. I 28.37/a: T 226/965

## MISSOURI BASIN INTER-AGENCY COMMITTEE

NOTE.—The chairman of the Missouri Basin Inter-Agency Committee for fiscal year 1966 is the Agriculture Department member, who may be addressed as follows: State Conservationist, Soil Conservation Service, 134 South 12th Street, Lincoln, Nebr. 68508.

- 5137 Annual progress report, fiscal year 1966. [1966.] cover title, [4]+32+[3] p. il. 4° † Y 3.M 69: 1/966
- 5138 Minutes of 146th meeting, Kansas City, Mo., Oct. 4-5, 1966; [prepared by Charles A. Cocks]. [1966.] cover title, 28+[137] p. il. map, 4° † L.C. card 57-33283 Y 3.M 69: 2 M 66/966-4

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Washington, D.C. 20546

AEC-NASA tech briefs. [Descriptions of innovations resulting from research and development program of AEC or from AEC-NASA inter-agency efforts.] \* Paper, each 15c. NAS 1.29/2: (nos.)

- 5139 66-10467. Xenon forms stable compound with fluorine. Oct. 1966. 1 p. 4° (ARG-4.)
- 5140 66-10471. Copper-acrylic enamel serves as lubricant for cold drawing of refractory metals. Nov. 1966. [2] p. 4° ([ARG-54.]) [Issued with perforations.]
- 5141 66-10472. Rubber and alumina gaskets retain vacuum seal in high temperature EMP cell. Dec. 1966. [2] p. il. 4° ([ARG-17.]) [Issued with perforations.]
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- 5151 66-10523. Hydraulic fluid serves as mandrel for small diameter refractory tube drawing. Dec. 1966. 1 p. 4° (ARG-44.)
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- 5153 66-10543. High-reluctance rotor rings improve homopolar generator performance. Nov. 1966. [2] p. il. 4° ([ARG-104.]) [Issued with perforations.]
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- 5155 66-10562. Metallographic holding fixture permits polishing of soft metals on vibratory lapping machine. Dec. 1966. [2] p. il. 4° ([ARG-42.]) [Issued with perforations.]
- 5156 66-10571. Ductile mandrel and parting compound facilitate tube drawing. Dec. 1966. 1 p. 4° (ARG-43.)

## NASA contractor report CR (series).

NAS 1.26: (nos.)

- 5157 158. PRESTO, program for rapid earth-to-space trajectory optimization, by Robert E. Willwerth, Jr., Richard C. Rosenbaum, and Wong Chuck, Feb. 1965, errata. [Dec. 7, 1966.] 6 p. il. 4° †
- 5158 592. Matrix Holzer analyses for fully-coupled vibrations of clustered launch-vehicle configurations including applications to Titan IIIC and uncoupled Saturn I cases [with bibliography]; by Robert G. Loewy and Mukund M. Joglekar. Dec. 1966. cover title, xii+126 p. il. 4° [Prepared under grant NSG-469 by University of Rochester, Rochester, N.Y.] † Paper, \$3.00.
- 5159 629. Research program on pyroelectric detection techniques and materials, phase 2. Dec. 1966. cover title, vi+[8]+66 p. il. 4° [Prepared under contract NASw-974 by Sperry Rand Corporation, Clearwater, Fla.] † Paper, \$2.50.
- 5160 640. Research study to provide concepts of panel attachment mechanisms suitable for refurbishable panel application [with list of references]; by R. E. Rieckmann. Nov. 1966. cover title, vi+80 p. il. 4° [Prepared under contract NAS 1-5253 by Martin Company, Baltimore, Md.] † Paper, \$2.50.
- 5161 641. Development of general purpose airborne simulator; by John Kroll, Rudy H. Arendt, and Francis E. Pritchard. Nov. 1966. cover title, xix+[129] p. il. 4° [Prepared under contract NAS 4-607 by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y.] † Paper, \$3.00.
- 5162 [This entry number not used.]
- 5163 650. Study of lunar, planetary, and solar topography, Project Tech Top [with bibliographies]; by C. E. Campbell. Nov. 1966. cover title, ix+221 p. il. 4° [Prepared under contract NAS 12-19 by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y., for Electronics Research Center.] † Paper, \$3.75. L.C. card 67-60295
- 5164 652. Cryogenic liquid experiments in orbit [with list of references]; by Jay L. McGrew and B. K. Larkin. Dec. 1966. cover title, xi+81+[9] p. il. 4° [Prepared under contract NAS 8-11328 by Martin Marietta Corporation, Denver, Colo., for George C. Marshall Space Flight Center.] † Paper, \$2.50.
- 5165 654. Engineering aspects of control system design via direct method of Liapunov [with bibliography]; by Richard Vito Monopoli. Dec. 1966. cover title, xii+140 p. il. 4° [Prepared under grant NSG-309 by University of Connecticut, Storrs, Conn.] † Paper, \$3.00. L.C. card 67-60618
- 5166 657. Production of superheated hydrogen plasma using induction heating of cold plasma and DC plasma enhancement; by Merle L. Thorpe. Dec. 1966. cover title, v+18 p. il. 4° [Prepared under Lewis work order C-69512A by TAFE Division, Humphreys Corporation, Concord, N.H.] † Paper, \$1.00.
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- 5168 666. Dynamic characteristics of square plates by passive analog simulation [with list of references]; by R. L. Barnoski. Jan. 1967. cover title, v+48 p. il. 4° [Prepared under contract NAS 8-20020 by Measurement Analysis Corporation, Los Angeles, Calif.] † Paper, \$2.50.
- 5169 667. Basic analog circuits for 2-dimensional distributed elastic structures [with list of references]; by R. L. Barnoski. Jan. 1967. cover title, iii+45 p. il. 4° [Prepared under contract NAS 8-20020 by Measurement Analysis Corporation, Los Angeles, Calif.] † Paper, \$2.00.
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- 5171 670. Study of feasibility of V/STOL concepts for short-haul transport aircraft [with list of references]; by K. R. Marsh. Jan. 1967. cover title, vi+103 p. il. 4° [Prepared under contract NAS 2-5036 by Ling-Temco-Vought, Inc., Dallas, Tex.]  $\Phi$  Paper, \$3.00.
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- 5173 672. Theoretical investigation of information limits of scanning optical systems [with bibliography]; by Edward J. Farrell [and others]. Jan. 1967. cover title, ix+1436 p. il. 4° [Prepared under contract NAS 1-4646 by Control Data Corporation, Minneapolis, Minn.]  $\Phi$  Paper, \$4.75.
- 5174 674. Critical tracking task for man-machine research related to operator's effective delay time: pt. 2, Experimental effects of system input spectra, control stick stiffness, and controlled element order [with list of references]; by J. D. McDonnell and H. R. Jex. Jan. 1967. cover title, xi+47 p. il. 4° [Prepared under contract NAS 2-2288 by Systems Technology, Inc., Hawthorne, Calif.]  $\Phi$  Paper, \$2.50.
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- 5178A 684. PRESTO version delta, program for rapid earth-to-space trajectory optimization; by Richard C. Rosenbaum, Robert E. Willwerth, Jr., and Richard L. Moll. Jan. 1967. cover title, vii+9 p. 4° [Prepared under contract NAS 1-5255 by Lockheed Missiles & Space Company, Sunnyvale, Calif.]  $\Phi$  Paper, \$1.00.
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- 5183 695. Theoretical investigation of radiant heat transfer in fuel region of gaseous nuclear rocket engine [with list of references]; by A. S. Kesten and N. L. Krascella. Jan. 1967. cover title, v+28 p. il. 4° [Prepared under contract NASW-847 by United Aircraft Corporation, East Hartford, Conn.]  $\Phi$  Paper, \$2.00.
- 5184 700. Passive geodetic satellite canister assemblies [with list of references]; by James O. Gibson and Robert R. Carman. Jan. 1967. cover title, v+63 p. il. 4° [Prepared under contract NAS 1-4971 by Goodyear Aerospace Corporation, Akron, Ohio.]  $\Phi$  Paper, \$2.50.
- 5185 701. Study of hot-cathode magnetron ion gauge [with list of references]; by J. M. Lafferty, W. D. Davis, and L. J. Favreau. Jan. 1967. cover title, vii+32 p. il. 4° [Prepared under contract NAS 5-9229 by General Electric Company, Schenectady, N.Y.]  $\Phi$  Paper, \$2.00.
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- 5188 713. On dynamic characteristics of variable-mass slender elastic body under high accelerations [with list of references]; by Leonard Melrovitch and Donald A. Wesley. Feb. 1967. cover title, viii+76 p. il. 4° [Prepared under grant NGR 03-001-022 by Arizona State University, Tempe, Ariz.] ♦ Paper, \$2.50.

## NASA SP (series).

NAS 1.21: (nos.)

- 5189 106. Dynamic behavior of liquids in moving containers, with applications to space vehicle technology [articles, with lists of references]; edited by H. Norman Abramson. 1966 [published 1967]. [1]+viii+467 p. il. 4° (Scientific and Technical Information Division.) [Prepared under contract NASr-94(07) by Southwest Research Institute.] ♦ Paper, \$2.75. ● Item 830-I  
L.C. card 66-60047
- 5190 108. Spacecraft sterilization technology. Beckman Auditorium, Pasadena, Calif., Nov. 16-18, 1965, sponsor, National Aeronautics and Space Administration, host, Jet Propulsion Laboratory, California Institute of Technology, coordinator, American Institute of Biographical Sciences [papers, with lists of references]. 1966. viii+630 p. il. (Scientific and Technological Information Division, Office of Technology Utilization.) ♦ Paper, \$2.25. ● Item 830-I  
L.C. card 67-60509
- 5191 115. 2d symposium on role of vestibular organs in space exploration, held under auspices of National Academy of Sciences, National Research Council Committee on Hearing, Bioacoustics and Biomechanics, Ames Research Center, Moffett Field, Calif. Jan. 25-27, 1966. [with lists of references]. 1966. viii+312 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) ♦ Paper, \$2.00. ● Item 830-I  
L.C. card 66-60092
- 5192 3036. Additional stopping power and range tables for protons, mesons, and electrons [with list of references]; by Martin J. Berger and Stephen M. Seltzer. 1966. iii+40 p. 4° (Scientific and Technical Information Division.) [Prepared under contract by National Bureau of Standards. Supplement to earlier tabulations in NAS-NRC publication 1133 (also contained in NASA special publications 3012 and 3013.)] ♦ Paper, \$2.00. L.C. card 67-60368
- 5193 5046. Selected electronic circuitry, report; prepared by Northrop Space Laboratories, Hawthorne, Calif. 1966. vii+102 p. il. 4° (Technology utilization; Technology Utilization Division, Office of Technology Utilization.) ♦ Paper, 70c. ● Item 830-I  
L.C. card 67-60619
- 5194 5060. Some new metal and metal-ceramic composites [with bibliography]; prepared by Samuel Korman, RAI Research Corp., Long Island, N.Y. 1966. v+26 p. il. 4° (Technology utilization report; Technology Utilization Division.) ♦ Paper, 25c. ● Item 830-I  
L.C. card 66-61783
- 5195 5066. Adhesives, sealants, and gaskets, survey [with list of references]; by R. B. Perkins and S. N. Glarum. 1967. iv+60 p. il. (Technology utilization; Technology Utilization Division, Office of Technology Utilization.) ♦ Paper, 25c. ● Item 830-I  
L.C. card 68-62212
- 5196 5069. Mathematical computer programs, compilation; [prepared by J. Arnold, J. Simpson, and T. Leth]. 1966 [published 1967]. v+26 p. 4° (Technology utilization; Technology Utilization Division, Office of Technology Utilization.) ♦ Paper, \$1.00. L.C. card 67-60369
- 5197 7011 (30). Aerospace medicine and biology, continuing bibliography with indexes, selection of annotated references to unclassified reports and journal articles that were introduced into NASA Information System during Oct. 1966; [prepared by Scientific and Technical Information Facility operated by Documentation Incorporated.] Nov. 1966. vi+89+88 p. 4° (Scientific and Technical Information Division.) [Compiled through cooperative efforts of Aerospace Medicine and Biology Bibliography Project of Library of Congress (LC) and American Institute of Aeronautics and Astronautics (AIAA).] ♦ Paper, \$1.00. L.C. card 65-62677
- 5198 7011 (31). Same: selection of annotated references to unclassified reports and journal articles that were introduced into NASA information system during Nov. 1966. Dec. 1966. vi+75+71 p. 4° (Scientific and Technical Information Division.) [Compiled through cooperative efforts of Aerospace Medicine and Biology Bibliography Project of Library of Congress (LC), American Institute of Aeronautics and Astronautics (AIAA), and NASA.] ♦ Paper, \$1.00. L.C. card 65-62677
- 5199 NASA special publications, fall 1966. [1966.] cover title, iii+45 p. il.  
† ● Item 830-J NAS 1.9/2: Sp 3/966-2

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NASA tech briefs. [Issued by Technology Utilization Division to summarize specific technical innovations derived from the space program. Issued with perforations.]  $\Phi$  Paper, each 15c. NAS 1.29: (nos.)

- 5200 66-10470. Indicator system provides complete data of engine cylinder pressure variation. Dec. 1966. [2] p. il. 4° (Lewis-291.)
- 5201 66-10477. Concept for planetary gear system to control fluid mixture ratio. Dec. 1966. [2] p. il. 4° ([M-FS-1785.])
- 5202 66-10479. Electroless nickel plating on stainless steels and aluminum. Nov. 1966. 1 p. 4° (GSFC-533.)
- 5203 66-10483. Uniform reflective films deposited on large surfaces. Nov. 1966. [2] p. il. 4° ([GSFC-507.])
- 5204 66-10507. Panels illuminated by edge-lighted lens technique. Nov. 1966. 1 p. 4° (MSC-871)
- 5205 66-10508. Experimental investigation of megawatt dc arc heating of nitrogen. Dec. 1966. 1 p. 4° (Lewis-313.)
- 5206 66-10517. Cold trap increases sensitivity of gas chromatograph. Dec. 1966. 1 p. 4° (M-FS-1617.)
- 5207 66-10519. Braze alloy holds bonding strength over wide temperature range. Nov. 1966. 1 p. 4° (Lewis-337.)
- 5208 66-10528. Lower-cost tungsten-rhenium alloys. Dec. 1966. [2] p. 4° ([Lewis-332.])
- 5209 66-10535. Process yields Co-Fe alloys with superior high temperature magnetic properties. Nov. 1966. 1 p. 4° (Lewis-333.)
- 5210 66-10537. Gage tests tube flares quickly and accurately. Nov. 1966. [2] p. il. 4° ([KSC-66-19.])
- 5211 66-10538. Tungsten insulated susceptor cup for high temperature induction furnace eliminates contamination. Nov. 1966. [2] p. il. 4° ([Lewis-283.])
- 5212 66-10540. Silver-base ternary alloy proves superior for slip ring lead wires. Nov. 1966. 1 p. 4° (M-FS-1540.)
- 5213 66-10545. Hoist is automatically stopped at low deceleration rate. Dec. 1966. [2] p. il. 4° ([M-FS-1639.])
- 5214 66-10546. Internal machining accomplished at constant radil. Dec. 1966. [2] p. il. 4° ([M-FS-1573.])
- 5215 66-10547. High intensity radiation heat source is capable of sustained operation. Nov. 1966. [2] p. il. 4° ([ARC-61.])
- 5216 66-10550. Damper reduces effects of resonance on force transducer. Nov. 1966. [2] p. il. 4° ([WSO-321.])
- 5217 66-10551. New tungsten alloy has high strength at elevated temperatures. Dec. 1966. 1 p. 4° (Lewis-336.)
- 5218 66-10554. Calculation of infrared special transmittance of inhomogeneous gases. Dec. 1966. 1 p. 4° (M-FS-1563.)
- 5219 66-10565. Mixer conditions temperature of liquified gas streams. Dec. 1966. [2] p. il. 4° ([M-FS-1754.])
- 5220 66-10567. Heat exchanger tubes supported in high vibration environment. Dec. 1966. [2] p. il. 4° ([M-FS-1401.])
- 5221 66-10570. Stationary device produces homogeneous mixture of fluids. Dec. 1966. [2] p. il. 4° ([M-FS-525.])
- 5222 66-10573. Ortaopedic stretcher with average-sized person can pass through 18-inch opening. Dec. 1966. [2] p. il. 4° ([M-FS-811.])
- 5223 66-10575. Emergency escape system uses self-braking mechanism on fixed cable. Dec. 1966. [2] p. il. 4° ([KSC-66-44.])
- 5224 66-10576. Continuously operating source of vacuum ultraviolet below 500A. Dec. 1966. [2] p. il. 4° ([GSFC-545.])
- 5225 66-10577. Ultrasonic water column probe speeds up testing of welds. Dec. 1966. [2] p. il. 4° ([HQ-58.])
- 5226 66-10583. Neon isotopes cancel errors in gas laser. Dec. 1966. 1 p. 4° (M-FS-1476.)
- 5227 66-10587. Quality control criteria for acceptance testing of cross-wire welds. Dec. 1966. 1 p. 4° (MSC-627.)

NASA technical note TN (series).

NAS 1.14: D-(nos.)

- 5228 D-3637. Method of relating modal damping to local dampers in lumped-parameter systems [with list of references]; by Harry J. Koenig and Daniel I. Drain. Dec. 1966. cover title, [1]+30 p. il. 4°  $\Phi$  Paper, \$2.00.
- 5229 D-3673. Wind-tunnel investigation of flight characteristics of model of aspect-ratio-6 conical-parawing utility vehicle [with list of references]; by Charles C. Smith, Jr., and George M. Ware. Feb. 1967. cover title, [1]+39 p. il. 4°  $\Phi$  Paper, \$2.00.
- 5230 D-3719. Experimental performance of conical pressure probe at Mach numbers of 3.0, 4.5, and 6.0 [with list of references]; by John D. Norris and P. Kenneth Pierpont. Dec. 1966. cover title, [1]+20 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5231 D-3733. Requirements placed on electron tubes for space applications [with list of references]; by W. H. Kohl, C. M. Veronda, and R. W. Willmarth. Jan. 1967. cover title, [1]+20 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5232 D-3736. Heat-transfer measurements on flat plate with attached protuberances in turbulent boundary layer at Mach numbers of 2.49, 3.5, and 4.44 [with list of references]; by Lana Murphy Couch, Robert L. Stallings, Jr., and Ida K. Collins. Dec. 1966. cover title, [1]+106 p. il. 4°  $\Phi$  Paper, \$3.00.

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## NASA technical note TN (series)—Continued

- 5233 D-3739. Jupiter high-thrust round-trip trajectories [with list of references]; by Roger W. Luidens, Brent A. Miller, and Jay M. Kappraff. Dec. 1966. cover title, [1]+37 p. il. 4°  $\Phi$  Paper, \$2.00.
- 5234 D-3741. Survey of thermal radiation studies of ablating bodies in ballistic range [with list of references]; by William A. Page. Feb. 1967. cover title, [1]+19 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5235 D-3749. Analysis of frequency response characteristics of propellant vaporization [with list of references]; by Marcus F. Heidmann and Paul R. Wieber. Dec. 1966. cover title, [1]+20 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5236 D-3751. Cold-air investigation of turbine for high-temperature-engine application: 1. Turbine design and overall stator performance [with list of references]; by Warren J. Whitney [and others]. Jan. 1967. cover title, [1]+25 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5237 D-3752. Interaction effects of control jet exhausting radially from nose of ogive-cylinder body at transonic speeds [with list of references]; by Edwin E. Lee, Jr., and Conrad M. Willis. Jan. 1967. cover title, [1]+30 p. il. 4°  $\Phi$  Paper, \$2.00.
- 5238 D-3753. Arc-tunnel evaluation of some ablative heat shield materials for X-15-2 [with list of references]; by Andrew J. Chapman and Marvin B. Dow. Feb. 1967. cover title, [1]+104 p. il.  $\Phi$  Paper, \$3.00.
- 5239 D-3755. Effects of configuration geometry on supersonic aerodynamic characteristics of simulated launch vehicle [with list of references]; by Richard D. Samuels and James A. Blackwell, Jr. Jan. 1967. cover title, [1]+33 p. il. 4°  $\Phi$  Paper, \$2.00.
- 5240 D-3756. Solid-state wide-range low power camera timer for space applications; by Joseph C. Thornwall. Jan. 1967. cover title, iii+11 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5241 D-3757. Evolution of satellite PFM encoding systems from 1960 to 1965 [with list of references]; by Hosea D. White, Jr. Dec. 1966. cover title, iii+12 p. il. 4° [Presented at 3d Space Congress, Cocoa Beach, Fla., Mar. 1966.]  $\Phi$  Paper, \$1.00.
- 5242 D-3759. Analysis of test times and boundary layer induced property variations in circular shock tube [with list of references]; by John J. Bertin. Jan. 1967. cover title, ii+24 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5243 D-3760. On stability of numerical solutions of ordinary differential equations [with list of references]; by Robert N. Lea. Jan. 1967. cover title, ii+11 p. 4°  $\Phi$  Paper, \$1.00.
- 5244 D-3761. Measurement of ion and electron densities of electron-bombardment ion-thruster beam [with list of references]; by Dale W. Cooper and Perry W. Kuhns. Dec. 1966. cover title, [1]+16 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5245 D-3762. Computer program for calculating velocities and streamlines for 2-dimensional, incompressible flow in axial blade rows [with list of references]; by Theodore Katsanis. Jan. 1967. cover title, iv+81 p. il. 4°  $\Phi$  Paper, \$2.50.
- 5246 D-3763. Analysis of solidification in thermal-energy storage systems with axisymmetric heat-transfer solutions [with list of references]; by Richard R. Cullom, George Diedrich, and Lynn U. Albers. Dec. 1966. cover title, [1]+25 p. il. 4°  $\Phi$  Paper, \$1.00.
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- 5249 D-3769. Plastic buckling of axially compressed eccentrically stiffened cylinders [with list of references]; by Robert M. Jones. Jan. 1967. cover title, [1]+23 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5250 D-3772. Extrusion of  $\frac{1}{8}$ - and  $\frac{3}{16}$ -inch-diameter, thin-wall tungsten tubing using floating-mandrel technique [with list of references]; by Charles P. Blankenship and Charles A. Gyorgak. Dec. 1966. cover title, [1]+25 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5251 D-3773. Simulation of liquid-hydrogen turbine-type flowmeter calibrations using high-pressure gas [with list of references]; by Andrew J. Szanislo and Lloyd N. Krause. Dec. 1966. cover title, [1]+23 p. il. 4°  $\Phi$  Paper, \$1.00.
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- 5256 D-3782. Three-dimensional plasma acceleration through axisymmetric diverging magnetic fields based on dipole moment approximation [with list of references]; by H. G. Kosmahl. Jan. 1967. cover title, [1]+28 p. il. 4°  $\Phi$  Paper, \$2.00.

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- 5257 D-3783. Turboalternator speed control with valves in 2-spool solar-Brayton system [with list of references]; by Ronald L. Thomas. Jan. 1967. cover title, [1]+31 p. il. 4°  $\Phi$  Paper, \$2.00.
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- 5265 D-3793. Additions to fused-fluoride lubricant coatings for reduction of low-temperature friction [with list of references]; by Katherine M. Olson and Harold E. Slinney. Jan. 1967. cover title, [1]+21 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5266 D-3795. Experimental investigation of secondary jets from 2-dimensional nozzles with various exit Mach numbers for hypersonic control application [with list of references]; by James R. Sterrett [and others]. Jan. 1967. cover title, [1]+48 p. il. 4°  $\Phi$  Paper, \$2.00.
- 5267 D-3796. Calculation of effect of viscous drag on performance of coaxial plasma gun [with list of references]; by Joseph Norwood, Jr. Jan. 1967. cover title, [1]+23 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5268 D-3797. Large-scale wind-tunnel tests of subsonic transport with aft engine nacelles and high tail [with list of references]; by Kiyoshi Aoyagi and William H. Tolhurst, Jr. Jan. 1967. cover title, [1]+46 p. il. 4°  $\Phi$  Paper, \$2.00.
- 5269 D-3798. Digital codes for design and evaluation of convectively cooled rocket nozzle with application to nuclear-type rocket [with list of references]; by John E. Rohde, Rudolph A. Duschka, and George Derderian. Jan. 1967. cover title, iv+91 p. il. 4°  $\Phi$  Paper, \$2.50.
- 5270 D-3800. Experimental flow field and heat-transfer investigation of several tension shell configurations at Mach number of 8 [with list of references]; by Robert A. Jones, Dennis M. Bushnell, and James L. Hunt. Jan. 1967. cover title, [1]+60 p. il. 4°  $\Phi$  Paper, \$2.50.
- 5271 D-3801. Statistical analysis of landing contact conditions of X-15 airplane [with list of references]; by Ronald J. Wilson. Jan. 1967. cover title, [1]+18 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5272 D-3802. Correlation of free-flight turbulent heat-transfer data from axisymmetric bodies with compressible flat-plate relationships [with list of references]; by Ernest V. Zoby and Edward M. Sullivan. Jan. 1967. cover title, [1]+17 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5273 D-3817. Ultrasonic attenuation in superconducting niobium [with list of references]; by Joseph H. Simmons. Jan. 1967. cover title, [1]+24 p. il. 4°  $\Phi$  Paper, \$3.00.
- 5274 3821. Evaluation of high-temperature bearing cage materials [with list of references]; by Erwin V. Zaretsky and William J. Anderson. Jan. 1967. cover title, [1]+15 p. il. 4°  $\Phi$  Paper, \$1.00.
- 5275 D-3823. Preliminary analysis of effectiveness of variable-geometry guide vanes to control rotor-inlet flow conditions [with list of references]; by Ronald J. Steinke and James E. Crouse. Jan. 1967. cover title, [1]+18 p. il. 4°  $\Phi$  Paper, \$1.00.

NASA technical translation TT (series).

NAS 1.13/2: F-(nos.)

- 5276 F-394. Problems in astrophysics. Investigation of atmospheres of Venus and Mars [articles, with lists of references]; I. K. Koval', chief editor. Jan. 1967. cover title, v+148 p. il. 4° [Translation of publication of Izdatel'stvo Naukova Dumka, Kiev, 1965.]  $\Phi$  Paper, \$3.25.
- 5277 F-447. On friction and leakage losses in working blade-rings of radial-flow turbines in helicopter and transport gas-turbine units [with list of references]; by N. F. Galitskiy. Jan. 1967. cover title, [1]+8 p. il. 4° [Translated from Izvestiya vysshikh uchebnykh zavedeniy, seriya aviatsionnaya tekhnika, v. 7, no. 4, 1964.]  $\Phi$  Paper, \$3.00.

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# GOVERNMENT PUBLICATIONS

- 5278 Planetarium, elementary-school teaching resource, report to Office of Public Affairs, Educational Programs Division, National Aeronautics and Space Administration, of space science instructional materials project of University of Bridgeport and Planetarium of Museum of Art, Science, and Industry, Bridgeport, Conn., conducted at the planetarium during school year, 1963-64 [with bibliographies]; editor, Partlett A. Wagner. Feb. 1966. [1]+vi+52 p. il. 4° [Prepared by University of Bridgeport.] †  
NAS 1.2: P 69

- 5279 Reportable items under new technology clause. Oct. 1966. cover title, [1]+i+35 p. il. 4° (NHB 2170.2.) \* Paper, 30c. • Item 830-F  
NAS 1.18: T 22/3

Speaking of space & aeronautics. ([Office of Public Affairs.]) [Current significant material relating to U.S. program to provide information for educational community and general public.] †  
NAS 1.32: v.(nos.)/no.(nos.)

- 5280 v. 3, no. 3. By-products of space research and development; by Raymond L. Bispinzhoff. [Oct. 1966.] cover title, 30 p. narrow 8° [Address at annual meeting of Advisory Group for Aerospace Research and Development, NATO, Delft, Netherlands, Sept. 2, 1966.]  
5281 v. 3, no. 5. Space progress; by Lloyd V. Berkner. [Oct. 1966.] cover title, 10 p. narrow 8° [Address at NASA's annual awards ceremony, Oct. 7, 1966.]

## NATIONAL AGRICULTURAL LIBRARY, Agriculture Dept. Washington, D.C. 20250

- 5282 Services offered by National Agricultural Library and other Government agencies concerned with agricultural information; [compiled by Robert B. Poland]. Dec. 1966. iii+11 p. 4° † • Item 95  
L.C. card Agr 67-86  
A 17.2: Se 6

## NATIONAL BUREAU OF STANDARDS, Commerce Dept. Washington, D.C. 20235

Commercial standard CR (series).

- 5283 268-65. Hide trim pattern for domestic cattlehides, amdt. 1, effective Oct. 31, 1966. [1966.] [2] p. il. ([Products Standards Section.]) †  
• Item 243  
C 13.20: 268-65/amdt.1

Monograph.

- 5284 98. Abscissas and weights for Gaussian quadrature for-N 2 to 100, and N-125, 150, 175, 200 [with list of references; by] Carl H. Love. Dec. 28, 1966. iii+88 p. 4° • Paper, 55c. • Item 247-A  
L.C. card 66-62096  
C 13.44: 98

Product standard PS (series). (Office of Engineering Standards Service.)  
• Item 243  
C 13.20/2: (nos.)

- 5285 2-66. Standard sizes of blackboard slate, recorded voluntary standard of trade. [1966.] 7+[2] p. [Effective May 15, 1966. Supersedes Simplified practice recommendation R15-35.] • Paper, 10c.  
5286 3-66. TFE-fluorocarbon (polytetrafluoroethylene) resin skived tape, recorded voluntary standard of trade. [1967.] 13+[2] p. il. [Effective Sept. 1, 1966.] • Paper, 10c.  
5287 6-66. Trim for water-closet bowls, tanks and urinals (dimensional standards), recorded voluntary standard of trade. [1966.] 12+[2] p. il. 4° [Effective date Nov. 1, 1966. Supersedes Commercial standard CS172-50.] • Paper, 10c.

Technical notes. • Item 249-A  
C 13.46: (nos.)

- 5288 278. Scanning electron probe microanalysis [with list of references; by] Kurt F. J. Heinrich. Feb. 3, 1967. iv+39 p. il. 4° (Spectrochemical Analysis Section, Analytical Chemistry Division, Institute for Materials Research.) • Paper, 30c.  
5289 296. Grammar for component combination in Chinese characters [with bibliography; by] B. Kirk Rankin, III [and others]. [1966.] vi+118 p. 4° • Paper, 60c.  
5290 298. Survey of ionization vacuum gages and their performance characteristics [with list of references; by] W. G. Brombacher. Feb. 3, 1967. iv+62 p. il. 4° (Institute for Basic Standards.) • Paper, 40c.  
5291 345. New near-zone electric field-strength meter [with bibliography; by] Frank M. Greene. Nov. 15, 1966. v+47 p. il. 4° [Page 38 left blank for notes.] • Paper, 35c.

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- 5292 349. Design and operation of high voltage calibration facility [with list of references; by] Winston W. Scott, jr. Nov. 10, 1966. iii+26 p. il. 4° \* Paper, 25c.
- 5293 350. Viscosity and thermal conductivity coefficients of dilute nitrogen and oxygen [with list of references; by] G. E. Childs and H. J. M. Hanley. Oct. 31, 1966. v+27 p. il. 4° (Cryogenics Division, Institute for Materials Research.) \* Paper, 25c.
- 5294 U.S. Government R&D reports, technical information that may help your company, service to industry through Clearinghouse for Federal Scientific and Technical Information. [Nov. 1966.] [6] p. narrow 8° (Institute for Applied Technology.) † • Item 244 C 13.2: T 22/4

## NATIONAL CAPITAL HOUSING AUTHORITY Washington, D.C. 20430

NOTE.—The Alley Dwelling Authority, established by Public law 307, 73d Congress, approved June 12, 1934 was renamed National Capital Housing Authority effective June 1, 1943, by Executive order 9344 of May 21, 1943.

- 5295 Report on large family-rent subsidy demonstration program, program involving leasing of privately owned houses by Local Housing Authority as means of extending supply of houses for large families of low income. May 1966. xi+79 p. il. 4° [Prepared under contract by Washington Center for Metropolitan Studies under direction of Eunice S. Grier. Title on cover is: Large family-rent subsidy demonstration project.] †  
• Special offer  
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## NATIONAL CAPITAL TRANSPORTATION AGENCY Washington, D.C. 20006

NOTE.—The National Capital Transportation Agency was established by the National Capital transportation act of 1960 (Public law 669 of the 86th Congress, 2d session) to prepare a comprehensive program for improved transportation in the National Capital region.

- 5295A 1st annual report, 1965. [1966.] cover title, [1]+7 p. 4 pl. 4° †  
L.C. card 67-60659 Y 3.N 21/21: 1/965

## NATIONAL COLLECTION OF FINE ARTS, Smithsonian Institution Washington, D.C. 20560

- 5296 National Collection of Fine Arts, Smithsonian Institution, Washington, D.C. [1967.] [20] p. il. ([Smithsonian publication 4698.]) †  
• Item 916 SI 6.2: N 21

## NATIONAL COMMISSION ON FOOD MARKETING Washington, D.C. 20407

Technical studies. † • Item 1070-G Y 3.N 21/22: (nos.)

- 5257 5. [Organization and competition in milling and baking industries, revised page]. [1966.] p. 66 il.
- 5298 8. [Structure of food manufacturing, report] erratum. [1966.] 1 p. oblong 24°

## NATIONAL GUARD BUREAU, Defense Dept. Washington, D.C. 20310

NGB pamphlet.

- 5299 50-4. Financial administration, operational funds for Special Forces units. [Nov. 1, 1966.] cover title, 4 p. 4° (Departments of Army and Air Force.) [Issued with perforations.] † • Item 358 D 12.8: 50-4

## NATIONAL LABOR RELATIONS BOARD Washington, D.C. 20570

- 5300 Decisions and orders of National Labor Relations Board, v. 156, Dec. 10, 1965-Feb. 17, 1966. 1966. xiii+1519 p. \* Cloth, \$5.00. • Item 826  
L.C. card 37-26136 LR 1.8: 156

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# GOVERNMENT PUBLICATIONS

## NATIONAL LIBRARY OF MEDICINE, Health, Education, and Welfare Dept., Bethesda, Md. 20014

- 5301 National Library of Medicine. [1966.] [10] p. il. narrow 8° ([Public Health Service publication 1533.]) † ● Item 508-D FS 2.202: N 21/2
- 5302 National Library of Medicine, Library Associate Program. [1966.] [6] p. narrow 8° ([Public Health Service publication 1530.]) † ● Item 508-D FS 2.202: L 61

## NATIONAL MEDIATION BOARD Washington, D.C. 20572

- 5303 Railway labor act [as amended 1966], being act to provide for prompt disposition of disputes between carriers and their employees and for other purposes (U.S. Code, title 45, chap. 8). [1967.] 25 p. \* Paper, 15c. ● Item 833-A NMB 1.5: R 13/966

## NATIONAL MUSEUM, Smithsonian Institution Washington, D.C. 20560

- Proceedings of National Museum. † ● Item 922 SI 3.6: (v.nos.)/(nos.)
- 5304 3540. Neotropical Microlepidoptera, 10. Systematic position of 2 taxa erroneously placed in family Stenomitridae (lepidoptera) [with list of literature cited]; by W. Donald Duckworth. 1966. v. 119, cover title, 6 p. il. 1 pl. [Prepared with aid of National Science Foundation grant.]
- 5305 3542. New genus and 6 new species of entocytherid ostracods (Ostracoda, entocytheridae) [with list of literature cited]; by Horton H. Hobbs, Jr., and Margaret Walton. 1966. v. 119, cover title, 12 p. il.
- 5306 3546. Noctuid moths of American genus Eusceptis Hubner; by E. L. Todd. 1966. v. 119, cover title, 22 p. il. 6 pl.
- 5307 3548. Notes on Aradidae in U.S. National Museum, 4 (Hemiptera, Heteroptera) [with list of references]; by Nicholas A. Kormilev. 1966. v. 119, cover title, p. 1-25, il.
- 5308 3551. Review of new world moths of genus Euchromius Guenée with descriptions of 2 new species (Lepidoptera: Crambidae) [with list of literature cited]; by Hahn W. Capps. 1966. v. 119, cover title, p. 1-9, il. 1 pl.
- 5309 3552. Preliminary revision of butterflies of genus Calycopis Scudder (Lycaenidae: Theclinae); by William D. Field. 1967. v. 119, cover title, 1-48+ [2] p. il. 6 pl.
- 5310 3553. Type-specimens of polychaetes described by Edith and Cyril Berkeley (1923-64) [with list of literature cited]; by Marian H. Pettibone. 1967. v. 119, cover title, 23 p.
- 5311 3559. Studies of neotropical caddis flies: 2. Types of some species described by Ulmer and Brauer [with list of literature cited]; by Oliver S. Flint, Jr. 1966. v. 120, cover title, 20 p. il. 2 pl.
- 5312 3560. Notes and descriptions of some neotropical agaristine moths (Lepidoptera: Noctuidae); by E. L. Todd. 1966. v. 120, cover title, 15 p. il. 4 p. of pl.
- 5313 3562. Notes of flies captured in treetops in Malaya (Diptera, Empididae, Nerilidae, Platystomatidae, Sepsidae, Muscidae) [with list of references]; by George C. Steyskal. 1966. v. 120, cover title, p. 1-16, il.
- 5314 3570. Revision of family Pandaridae (Copepoda: Caligoida) [with list of literature cited]; by Roger Cressey. 1967. v. 121, cover title, 133 p. il.
- 5315 3571. Supplementary descriptions of 2 myodocopid ostracods from Red Sea [with list of literature cited]; by Louis S. Kornacker. 1967. v. 121, cover title, 18 p. il.
- 5316 3577. Bredin-Archbold-Smithsonian biological survey of Dominica: 1. Echinoids of Dominica [with list of literature cited]; by Porter M. Kier. 1966. v. 121, cover title, 10 p. il. 2 pl.

## NATIONAL PARK SERVICE, Interior Dept. Washington, D.C. 20242

- 5317 Mesa Verde National Park, Colo. [2d revision 1966.] [1966.] [16] p. il. 4°, folded into narrow 8° size. \* Paper, 15c. ● Item 651 I 29.6: M 56/966-2
- 5318 Moores Creek National Military Park, N.C. [Revised 1966.] [1966.] [10] p. il. narrow 8° † ● Item 650 I 29.21: M 78/966
- 5319 Mount Rainier National Park, Wash. [Revised 1967.] [1967.] [2] p. il. oblong f° folded into narrow 8° size. \* Paper, 15c. ● Item 651 I 29.6: M 86/967

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# MARCH 1967

- 5320 Russell Cave National Monument, Ala. [Revised 1966.] [1966.] [10] p. il. narrow 8" \* Paper, 10c. • Item 650 I 29.21: R 91/966
- 5321 Sequoia and Kings Canyon, maps. Scale 2.2 in.=10 m. [Revised 1966.] [1966.] 18.5 x 16 in. [Maps of Kings Canyon and Cedar Grove area, Giant Forest, and General Grant Grove on verso.] \* Paper, 10c. I 29.8: Se 6/966

## NATIONAL RAILROAD ADJUSTMENT BOARD Washington, D.C. 20572

- 5322 Awards of 2d division, National Railroad Adjustment Board, with index, v. 45, Dec. 20, 1963-Feb. 26, 1964, awards 4371-4445. Keenan Printing Company, Chicago, Ill. [1966.] v+897 p. † National Railroad Adjustment Board, Chicago, Ill. 60604 (Price upon application). L.C. card 37-26860 RA 1.8: 45

## NATIONAL SCIENCE FOUNDATION Washington, D.C. 20550

- 5323 American science manpower, 1964, report of National Register of Scientific and Technical Personnel; [prepared by Milton Levine, with assistance of Y. Ann Carmel and Suzanne M. Duval]. [1967.] vi+219 p. il. 4° (NSF 66-29.) \* Paper, \$1.25. • Item 834-I NS 1.14/2: 964  
L.C. card 60-60139
- 5324 Course and curriculum improvement projects: Mathematics, science, engineering, [elementary school, secondary school, college & university] curriculum studies, textbooks, laboratory guides, resource materials for teachers, supplementary materials for students, equipment development, films. Sept. 1966. v+118 p. 4° (NSF 66-22.) \* Paper, 65c. • Item 834-X NS 1.24: 966  
L.C. card 67-60357
- Review of data on science resources. • Item 834-G NS 1.11/2: (nos.)
- 5325 10. Basic research, applied research and development in American industry, 1965, preliminary report on R&D scientists and engineers (Jan. 1966) and R&D funds. Dec. 1966. 12 p. il. 4° (NSF 66-33.) \* Paper, 20c.
- 5326 11. Salaries and selected characteristics of U.S. scientists, 1966, preliminary report based on 1966 national register of scientific and technical personnel. Dec. 11, 1966. 8 p. 4° (NSF 66-34.) \* Paper, 15c.

## NAVAL ACADEMY, Annapolis, Defense Dept. Annapolis, Md. 21402

- 5327 United States Naval Academy, catalogue, 1966-67. [1966.] viii+267+ [2] p. il. † • Item 390-A D 208.109: 966-67

## NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, D.C. 20390

Publications. • Item 378 (Rev. 1967) D 203.22: (nos.)

- 5328 42. Change 5, Aug. 20, 1966, loose leaf change pages for correcting Sailing directions for Baltic, v. 1, 1st edition, 1958. 1966. [167] p. il. 4° [Formerly 141B. Includes list of effective pages. Some illustrations are colored.] † Paper, 35c.
- 5329 64. Sailing directions for Bay of Bengal, Point Calimere to Laem Pak Phra and Andaman and Nicobar Islands. 5th edition. 1966. [1]+xv+447 p. il. map in pocket 4° [Formerly no. 160. Issued in looseleaf form.] † Paper, \$4.50 including ring binder, \$3.50 contents only.
- 5330 71. Change 9, Sept. 10, 1966, loose leaf change pages for correcting Sailing directions for Soenda Strait and western and northeast coasts of Borneo and off-lying islands, 5th edition, 1951. 1966. [201] p. il. 4° [Formerly no. 126. Includes list of effective pages.] † Paper, 35c.
- 5331 111A. Change 13, List of lights and fog signals: Greenland, east coasts of North and South America (excluding continental U.S.A. except east coast of Florida) and West Indies; Nov. 5, 1966. 1966. [116] p. 4° [Includes list of effective pages and Notice to mariners 45, 1966.] † Paper, 50c.

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# GOVERNMENT PUBLICATIONS

## Publications—Continued

- 5332 112. Change 12, Nov. 5, 1966, to List of lights and fog signals, western Pacific and Indian Oceans including Persian Gulf and Red Sea. 1966. [118] p. 4° [Includes list of effective pages and Notice to mariners 45, 1966. Issued in looseleaf form.] † Paper, 50c.
- 5333 113. Change 13, Dec. 10, 1966, List of lights and fog signals; West coasts of Europe and Africa, Mediterranean Sea, Black Sea and Azovskoye More (Sea of Azov). 1966. [184] p. il. 4° [Includes list of effective pages and Notice to mariners 50, 1966. Issued in looseleaf form.] † Paper, 50c.
- 5334 114. Change 11, List of lights and fog signals: British Isles, English Channel, and North Sea; Oct. 29, 1966. 1966. [70] p. 4° [Includes list of effective pages and Notice to mariners 44, 1966.] † Paper, 50c.
- 5335 115. Change 10, List of lights and fog signals: Norway, Iceland, and Arctic Ocean; Oct. 22, 1965. 1966. [48] p. 4° [Includes list of effective pages and Notice to mariners 43, 1966. Issued in looseleaf form.] † Paper, 50c.
- 5336 117A. Change 12, Nov. 26, 1966 to Radio navigational aids, Atlantic and Mediterranean area. 1966. [109] p. il. 4° [Includes list of effective pages and Notice to mariners 48, 1966. Supersedes any previous list. Issued in looseleaf form.] † Paper, 50c.
- 5337 U.S. Naval Oceanographic Office chart correction list, Notice to mariners, 1-26 of 1966, arranged according to chart numbers Hydrographic Office charts. [1966.] 40 p. 4° [Semiannual.] † D 203.21/2: 966

## NAVAL PERSONNEL BUREAU, Defense Dept. Washington, D.C. 20390

- 5338 Fluid power; [prepared by Navy Training Publications Center, Memphis, Tenn.] [1966 edition.] [1966.] cover title, ill+234 p. il. 4° (Navy training course; NAVPERS 16193-A.) \* Paper, \$1.50. ● Item 404 L.C. card 67-60467 D 208.11: F 67
- 5339 Manual of Navy enlisted classifications. Feb. 1967. [4] leaves+126 p. 4° (NAVPERS 15105L.) [Issued in looseleaf form. Replaces Aug. 1966 edition.] † ● Item 403-A D 208.6/3: C 56/967 L.C. card 62-62299
- 5340 Military requirements for petty officer 3 & 2 [with reading list; prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1957, revised 1966.] [1966.] cover title, iv+204 p. il. 4° (Navy Training course; NAVPERS 10056-B.) [Some illustrations are colored.] † ● Item 404 D 208.11: P 45/3/966 L.C. card 67-60466
- 5341 Qualifications and professional development for Naval Reserve Officers: Military Sea Transportation Service and Naval Control of Shipping Organization [with lists of references]; revised and prepared by Commander Military Sea Transportation Service in cooperation with Naval Personnel Research Laboratory and Chief of Naval Operations, Shipping Control Branch OP 334. Nov. 1966. x+[114] p. il. 6 tab. oblong 12° (NAVPERS 18612-B.) [Formerly Criteria for coding Naval Reserve officer training. Issued in looseleaf form.] † ● Item 403-A D 208.6/3: Of 2/2/966
- 5342 You, your country, and Navy Nurse Corps. [1966.] cover title, [16] p. il. oblong 8° [Illustrations are colored.] † ● Item 403 D 208.2: N 93/966

## NAVAL RESEARCH OFFICE, Defense Dept. Washington, D.C. 20390

- Naval Training Device Center, Port Washington, N.Y.: Technical report NAVTRADEVEN (series).
- 5343 1440-2. Solid state image intensifiers, phase 3, final report on broad continuing program for application of light and image intensification techniques to military training project LIT [with list of references; by] Z. Szepeal [and others]. Nov. 1966. cover title, vi+87+[2] p. il. 4° (Westinghouse Electric Corporation, Electronic Tube Division, Elmira, N.Y.; contract N61339-1440.) [Text on p. 2 of cover. Abstract cards inserted.] † D 210.14: 1440-2

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# MARCH 1967

## NRL memorandum report. (Naval Research Laboratory.)

- 5344 1713. Laser materials research [with lists of references; by H. W. Gandy, R. J. Ginther, and J. F. Weller July 1966. cover title, iii+81 p. il. 4° ([NRL problem P03-04, K03-08, ARPA order 396 and 660.])  $\dagger$   
D 210.8/2:1713

## NRL reports. (Naval Research Laboratory.)

D 210.8: (nos.)

- 5345 6373. Results of airborne field measurements in antipodal region of radio station NPM, Hawaii [with list of references; by] J. E. Rogerson. Apr. 26, 1966. cover title, i+42+[4] p. il. 4° ([NRL problem R01-39; project SR 008-01-01, task 7044.])  $\Phi$  Paper, \$3.00. (DA 635696.)
- 5346 6380. Aircraft landing approach paths with rainbow optical landing system [with list of references; by] Barbour Lee Perry and Patricia A. Griffin. June 27, 1966. cover title, ii+58+[4] p. il. 4° ([NRL problems Y02-01 and Y02-21, project RR-006-09-41-5351 and RS-11-50-016/652-1/F 012-06-02.])  $\Phi$  Paper, \$3.00 (AD 639643.)
- 5347 6391. Neutron production by fusion in class of anisotropic plasmas; [by] J. B. Langworthy. June 30, 1966. cover title, iii+48+[4] p. il. 4° ([NRL problems H02-24, project RR002-10-45-5054; ARPA 306-62; NSF-GP3217 (53034).]) [References in footnotes.]  $\Phi$  Paper, \$3.00 (AD 639653.)
- 5348 6395. Residual resistance ratio of pure iron [with list of references; by] A. I. Schindler and B. C. LaRoy. Aug. 23, 1966. cover title, 8 p.+[2] leaves. il. 4° ([NRL problem M01-10, project RR 007-01-46-5408, ARPA order 418.])  $\Phi$  Paper, \$1.00 (AD 640068.)
- 5349 6396. Simplified prediction equations for NRL satellite position display [with list of references; by] R. J. Orsino and T. L. Francavilla. Aug. 4, 1966. cover title, 32+[4] p. il. 4° ([NRL problem Y01-01, project SF-019-01-03 (task 6168).]) [Contents on p. 2 of cover.]  $\Phi$  Paper, \$3.00 (AD 639692.)
- 5350 6399. Dry-packed beds for removal of strong-acid gases from recycled atmospheres [with list of references; by] S. T. Gadowski. Aug. 30, 1966. cover title, 8+[4] p. 4° ([NRL problem C03-05, project SF 013-08-03, tasks 4092, 4093, 4094, and 4095.]) [Text on p. 2 of cover.]  $\Phi$  Paper, \$3.00 (AD 642274.)
- 5351 6400. Adsorption of carbon dioxide on carbon solids: pt. 1, Graphite and diamond at 0°C [with list of references; by] V. R. Dietz. July 11, 1966. cover title, i+16+[4] p. il. 4° ([NRL problem C05-18, project RR 001-01-43-4702.])  $\Phi$  Paper, \$3.00 (AD 639659.)
- 5352 6403. Microparticle and fiber reinforcement of epoxy resins [with list of references; by] A. G. Sands, R. C. Clark, and E. J. Kohn. Aug. 26, 1966. cover title, i+18+[4] p. il. 4° ([NRL problem C03-19, project SR 007-03-04-1008.])  $\Phi$  Paper, \$1.00 (AD 640054.)
- 5353 6406. Mechanical impedance and mobility concepts [with list of references; by] G. J. O'Hara. July 29, 1966. cover title, ii+14+[4] p. 4° ([NRL problem F02-18, project SF 103-10-01-1790; RR 009-03-45-5757.])  $\Phi$  Paper, \$3.00 (AD 638206.)
- 5354 6412. Use of displacement, flash, and depth-of-flash coded displays for providing control system information [with list of references; by] P. N. Ziegler, R. E. Reilly, and R. Chernikoff. July 6, 1966. cover title, i+10+[4] p. il. 4° ([NRL problem Y0-2-01, project RR 006-09-41-5351.])  $\Phi$  Paper, \$3.00 (AD 639644.)
- 5355 6415. Damaging neutron exposure criteria for evaluating embrittlement of reactor pressure vessel steels in different neutron spectra [with list of references; by] C. Z. Serpan, Jr., and L. E. Steele. July 28, 1966. cover title, ii+28+[4] p. il. 4° ([NRL problem M01-14; project RR007-01-46-5409, SF 020-01-25-0858; AT(49-5)-2110, USA-ERG-4-66.])  $\Phi$  Paper, \$3.00 (AD 639748.)
- 5356 6419. Neutron irradiation embrittlement of several higher strength steels [with list of references; by] L. E. Steele, J. R. Hawthorne, and R. A. Gray, Jr. Sept. 7, 1966. cover title, i+18+[1] p. il. 4° ([NRL problem M01-14, projects SF 020-01-05-0858, RR 007-01-46-5409; AT(49-5)-2110, and USA-ERG-4-66.])  $\Phi$  Paper, \$1.00 (AD 640615.)
- 5357 6420. Initial evaluations of metallurgical variables as possible factors controlling radiation sensitivity of structural steels [with list of references; by] J. R. Hawthorne and L. E. Steele. Sept. 29, 1966. cover title, i+34+[4] p. il. 4° ([NRL problem M01-14, project RR007-01-46-5409, AT(49-5)-2110, and USA-ERG-4-66.])  $\Phi$  Paper, \$3.00 (AD 642290.)
- 5258 6423. Photodegradation of high polymers in solution: pt. 3, Poly (methyl methacrylate) [with list of references; by] R. B. Fox and T. R. Price. Sept. 7, 1966. cover title, ii+18+[4] p. il. 4° ([NRL problem C04-04, project RR001-02-43-4801.])  $\Phi$  Paper, \$3.00 (AD 642177.)
- 5359 6424. Kinetics of excess solute precipitation in liquid sodium solutions [with list of references; by] T. A. Kovachna, P. G. Johnson, and R. R. Miller. Sept. 1, 1966. cover title, 10+[4] p. il. 4° ([NRL problem C06-01, project RR001-05-41-4850.])  $\Phi$  Paper, \$3.00 (AD 642332.)
- 5360 6425. Conjugate-pair feed systems; [by] M. L. Reuss, Jr. Sept. 29, 1966. cover title, 8 p.+[2] leaves. il. 4° ([NRL problem R08-36; Naval Electronics Systems Command 8-1617.])  $\Phi$  Paper, \$3.00 (AD 642283.)
- 5361 6440. Using parallel-T network for developing quadrature voltages at variable frequencies [with list of references; by] S. G. Bailey. Aug. 30, 1966. cover title, i+26+[4] p. il. 4° ([NRL problem R05-24A, project SF 013-01-14-11630.201.])  $\Phi$  Paper, \$3.00 (AD 641985.)

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## NRL reports—Continued

- 5302 6447. Water vapor observations at low, middle, and high latitudes during 1964 and 1965 [with list of references; by] H. J. Mastenbrook. Sept. 13, 1966. cover title, iv+202 p.+[2] leaves, il. 4° ([NRL problem A03-09: FASS 00-005/652-1/R004-02-01, and RF 003-02-41-4251.])  
 5363 6454. Metallurgical characteristics of high strength structural materials, 10th quarterly report [with list of references; by] R. J. Goode [and others]. Apr. 1966. cover title, iii+104+[4] p. il. 4° 4 Paper, \$4.00 (AD 641262).  
 5364 6457. Preparation of CrFe alloys [with list of references; by] J. E. Cox. Oct. 5, 1966. cover title, ii+12+[4] p. il. 4° ([NRL problem E02-02, project RR010-01-44-5601.]) 4 Paper, \$3.00 (AD 641896).  
 5365 [This entry number not used.]

## OIL AND GAS OFFICE, Interior Dept. Washington, D.C. 20240

- 5366 Remarks of Onnie P. Lattu, Director of Office of Oil and Gas, Department of Interior, before Interstate Oil Compact Commission, Phoenix, Ariz., Dec. 14, 1966. [1966.] 5+[1] leaves, 4° † I 64.9: L 35/5

## OUTDOOR RECREATION BUREAU, Interior Dept. Washington, D.C. 20240

- 5367 Trails for America, report on nationwide trails study. Dec. 1966. 155 p. il. 4° [Some illustrations are colored.] \* Paper, \$2.25. • Item 657-B-1  
 L.C. card 67-60418 I 66.2: T 68

## PATENT OFFICE, Commerce Dept. Washington, D.C. 20231

### Classification bulletin. [Issued with perforations.]

- 5368 472. Class 350, Optics, systems and elements, containing classification definitions of above class established by Office of Patent Classification of Patent Office by classification order, dated Nov. 23, 1966. [Nov. 1966.] [2]+3+74 p. 4° \* Paper, 75c. • Item 252 C 21.3: 472

### Classification definitions.

- 5369 class 8. Bleaching and dyeing; fluid treatment and chemical modification of textiles and fibers; revised by Office of Patent Classification. Revision 1. Jan. 1967. [37] p. 4° [Issued with perforations.] \* Paper, 25c. • Item 252 C 21.3/2: 8/rev.1  
 5370 Imperative of international patent and trademark cooperation, text of address by Gerald D. O'Brien, Assistant Commissioner of Patents, for delivery before Cleveland World Trade Association, Mid Day Club, Union Commerce Building, Cleveland, Ohio, Jan. 5, 1967. [1967.] 14 p. 4° † C 21.20: Ob 6/3  
 5371 Manual of patent examining procedures, 3d ed. change notices, series 11-5 [to] 11-7. Nov. 23-Dec. 22, 1966. Each 1 p. 4° [Issued in looseleaf form.] \* Paper, \$4.00 (including basic manual and supplementary material for an indefinite period); \$1.00 additional for foreign mailing. • Item 259 C 21.15: 961/ch.11-5 to 11-7  
 5372 Text of address by Edward J. Brenner, Commissioner of Patents, for delivery before symposium of American Association for Advancement of Science, Washington, D.C., Dec. 30, 1966. 1966. 5 p. 4° † C 21.20: B 75/13

## PEACE CORPS, State Dept. Washington, D.C. 20525

- 5373 Advance training in Peace Corps. [1967.] [16] p. il. narrow 8° † S 19.2: T 68  
 5374 Answer to liberal arts graduate who asks, what can I do in Peace Corps? [1967.] 8 p. il. 4° † S 19.2: L 61/3  
 5375 Community development in Peace Corps, by the people, for the people. [1967.] 16 p. il. 4° † S 19.2: C 73

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- 5376 Graduate students in Peace Corps. [1966.] [12] p. il. narrow 8° †  
S 19.2: St 9
- 5377 Health workers in Peace Corps, matter of life and death. [1967.] 10+[2]  
p. il. 4° † S 19.2: H 34/2
- 5378 Language in Peace Corps, breaking sound barrier. [1967.] 6+[2] p. il.  
4° † S 19.2: L 26/2
- 5379 Married couples in Peace Corps, two's company. [1967.] 10+[2] p. il.  
4° † S 19.2: M 34
- 5380 Math & science teachers in Peace Corps. [1967.] [12] p. il. narrow 8° †  
S 19.2: M 42
- 5381 Older volunteers in Peace Corps. [1967.] [16] p. il. narrow 8° (Senior  
Manpower Division.) † S 19.2: O 1
- 5382 Peace Corps factbook. [1967.] 22+[2] p. il. † S 19.2: F 11/967
- 5383 Special to parents of Peace Corps volunteers. [1967.] [16] p. il. narrow  
8° † S 19.2: P 21
- 5384 Sports and recreation in Peace Corps. [1967.] [16] p. il. narrow 8° †  
S 19.2: Sp 6
- 5385 Teaching in Peace Corps, from rote to reason. [1967.] 14+[2] p. il. 4° †  
S 19.2: T 22/3

## POST OFFICE DEPARTMENT Washington, D.C. 20260

- 5386 [Commemorative stamp poster]: 1½-cent Albert Gallatin regular postage  
stamp on sale Jan. 30, 1967, at Gallatin, Mo. 1967. 10.5 x 8 in.  
P 1.26/2: G 13
- 5387 — 25-cent Frederick Douglass regular postage stamp. 1967. 10.5 x 8 in.  
P 1.26/2: D 74

NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c. additional for foreign mailing.

- 5388 Mr. ZIP, who he is, what he does. [1967.] [12] p. il. 24° ([POD publication 87.]) † ● Item 837  
P 1.2: Z 6/2
- 5389 Post Office Department, planning, programming and budgeting system.  
Dec. 1966. cover title, [20] p. il. oblong 24° (POD publication 94.) †  
● Item 837 P 1.2: P 69
- 5390 Revenues and classes of post offices [revenues for fiscal year 1965, class  
effective July 1, 1966, salary levels effective Jan. 1, 1966; prepared by  
Bureau of Finance and Administration]. July 1, 1966. cover title, [3]  
+244 p. il. (POD publication 4.) \* Paper, \$1.00. ● Item 841  
L.C. card 49-45604 P 4.13: 966
- State postal maps. [1966.]
- 5391 Maine, June 29, 1964. Scale 30 m.=4.5 in. [Reprinted July 1, 1966, to reflect  
SCF boundaries and ZIP codes without correction to service lines.] \* Paper,  
35c. P 1.39/2: M 28  
Insets:  
Portland and vicinity.  
Bath and vicinity.
- 5392 New Hampshire, Vermont, May 26, 1964. Scale 25 m.=5 in. 43 x 34 in. [Re-  
printed July 1, 1966, to reflect SCF boundaries and ZIP codes without correction  
to service lines.] \* Paper, 35c. P 1.39/2: N 42h
- 5393 New Mexico, Nov. 18, 1963. Scale 60 m.=5 in. 40 x 33 in. [Reprinted July 1,  
1966, to reflect SCF boundaries and ZIP codes without correction to service  
lines.] \* Paper, 35c. P 1.39/2: N 42m
- 5394 North Dakota, June 21, 1965. Scale 50 m.=5 in. 32 x 43 in. [Reprinted July  
1, 1966, to reflect SCF boundaries and ZIP codes without correction to service  
lines.] \* Paper, 35c. P 1.39/2: N 81d
- 5395 Oklahoma, Jan. 1, 1965. Scale 50 m.=5 in. 41 x 36 in. [Reprinted July 1,  
1966, to reflect SCF boundaries and ZIP codes without correction to service  
lines.] \* Paper, 35c. P 1.39/2: Ok 4
- 5396 South Carolina, Apr. 22, 1964. Scale 50 m.=6.2 in. 33 x 41 in. [Reprinted  
July 1, 1966, to reflect SCF boundaries and ZIP codes without correction to  
service lines.] \* Paper, 35c. P 1.39/2: So 8c

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### State postal maps—Continued

- 5397 South Dakota, May 1, 1965. Scale 50 m.=5 in. 32 x 43 in. [Reprinted July 1, 1966, to reflect SCF boundaries and ZIP codes without correction to service lines.] \* Paper, 35c. P 1.39/2: So 8d
- 5398 Tennessee, July 22, 1965. Scale 30 m.=3.3 in. 22 x 57 in. [Reprinted July 1, 1966, to reflect SCF boundaries and ZIP codes without correction to service lines.] \* Paper, 35c. P 1.39/2: T 25
- 5399 Texas (eastern section), Sept. 28, 1965. Scale 50 m.=4.1 in. 52 x 35 in. \* Paper, 35c. P 1.39/2: T 31
- 5400 Utah, Jan. 29, 1964. Scale 50 m.=5 in. 43 x 32 in. [Reprinted July 1, 1966, to reflect SCF boundaries and ZIP codes without correction to service lines.] \* Paper, 35c. P 1.39/2: Ut 1
- 5401 West Virginia, Mar. 1, 1964. Scale 30 m.=5 in. 33 x 49 in. [Reprinted July 1, 1966, to reflect SCF boundaries and ZIP codes without correction to service lines.] \* Paper, 35c. P 1.39/2: W 52v  
Inset: Wheeling.
- 5402 Wyoming, Aug. 1, 1964. Scale 40 m.=3.3 in. 30 x 53 in. [Reprinted July 1, 1966, to reflect SCF boundaries and ZIP codes without correction to service lines.] \* Paper, 35c. P 1.39/2: W 99

### PRESIDENT OF UNITED STATES Washington, D.C. 20501

- 5403 Analysis of work stoppers on U.S. missile sites, June 1, 1965-June 1, 1966. Aug. 1966. [27] leaves, il. 4° (President's Missile Sites Labor Commission.) † Labor Department. Pr 35.8: M 69/W 89
- 5404 10th annual report of President of United States on trade agreements program, 1965. [1967.] [3] leaves+53 p. il. 4° [Also issued as H. doc. 499, 89th Congress, 2d session. See Entry no. 4469.] \* Paper, 40c. ● Item 848-A Pr 36.10: 965
- 5405 Consumer issues '66, report to the President from Consumer Advisory Council. [1966.] cover title, xviii+114 p. il. ([President's Committee on Consumer Interest.]) † President's Committee on Consumer Interests, 183 Executive Office Bldg., Washington, D.C. 20506 L.C. card 63-65353 Pr 36.8: C 76/C 76/2/966
- 5406 Economic report of the President, transmitted to Congress Jan. 1967, together with annual report of Council of Economic Advisers. 1967. iv+314 p. il. [Also issued as H. doc. 28, 90th Cong., 1st sess.] \* Paper, \$1.25. ● Item 848 Pr 36.9: 967  
L.C. card 47-32975
- Message from the President's Committee on Mental Retardation.
- 5407 4. [Brief biographies of members of Presidents Committee on Mental Retardation]. Dec. 1966. 12 p. il. 4° † Pr 36.8: M 52/M 56/no. 4
- 5408 New youth fitness test norms and presidential award. [1967.] [4] p. 4° (President's Council on Physical Fitness.) † ● Item 851-J Pr 35.8: P 56/T 28

### PRISONS BUREAU, Justice Dept. Washington, D.C. 20537

#### National prisoner statistics, NPS bulletin.

- 5409 40. Prisoners in State and Federal institutions for adult felons, 1965. Nov. 1966. [2]+35 p. il. 4° † J 16.23: 40

### PUBLIC DEBT BUREAU, Treasury Dept. Washington, D.C. 20220

- 5410 Tables of redemption values for United States savings bonds, series J, for all months from Jan.-June 1967. [1966.] [7] leaves oblong 24° [Tables are issued as perforated detachable sheets.] † T 63.209/3: 967

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# MARCH 1967

## PUBLIC DOCUMENTS DIVISION, Government Printing Office Washington, D.C. 20402

- 5411 18th edition of hobby publications, available from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. [1966.] [2] p. f., folded into oblong 48° size. † ● Item 552  
GP 3.22: H 65/3/966
- 5412 Government bookstores. [1967.] [6] p. ll. narrow 8° † ● Item 551  
GP 3.2: B 64
- Price list PL (series). † ● Item 554 GP 3.9: (nos.)
- 5413 31. Education; Jan. 1967. 53d edition. [1967.] [2]+51 p.  
L.C. card 26-26105
- 5414 36. Government periodicals and subscription services; Feb. 1967. 125 edition. [1967.] [2]+34 p.  
L.C. card 26-26170
- 5415 37. Tariff and taxation; Nov. 1966. 46th edition. [1966.] [2]+15 p.  
L.C. card 26-27512
- 5416 41. Insects, worms and insects harmful to man, animals, and plants; Jan. 1967. 56th edition. [1966.] [2]+6 p.  
L.C. card 26-27428
- 5417 44. Plants, culture, grading, marketing, and storage of fruits, vegetables, grass, and grain; Jan. 1967. 57th edition. [1967.] [2]+10 p.  
L.C. card 26-26172
- 5418 62. Commerce, business, patents, trademarks and foreign trade; Jan. 1967. 41st edition. [1967.] [2]+38 p.  
L.C. card 26-26874
- 5419 79A. Space, missiles, moon, NASA, and satellites, space education, exploration, research, and technology; Jan. 1967. 1st edition. [1967.] ll+21 p.  
L.C. card 67-60652

## PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept. Washington, D.C. 20201

- 5420 Associate training programs in medical and biological sciences at National Institutes of Health, 1967 catalog. [Revised Jan. 1967.] [1967.] cover title, [3]+55 p. ([Publication 1294.]) [Illustration on front cover and text on p. 2 of cover.] † ● Item 507  
L.C. card 65-60919 FS 2.22: M 46/4/967
- 5421 Bibliographic index of evaluation in mental health; prepared by James K. Dent. Oct. 1966. [3]+111 p. 4° ([Publication 1545]; National Institutes of Health.) \* Paper, 60c. ● Item 506-A  
L.C. card 67-60562 FS 2.22/13: M 52/4
- 5422 Cancer cause and prevention, environmental factors, personal factors, occupational hazards, research approaches [with list of suggested readings; prepared by Research Information Branch, National Cancer Institute, National Institutes of Health]. [Revised 1966.] [1966.] cover title, 16 p. ll. 12° ([Publication 959.]) \* Paper, 20c. ● Item 485  
L.C. card 67-60550 FS 2.2: C 16/6/966
- 5423 Cancer questions and answers about rates and risks [with list of related publications from National Cancer Institute]. 1966. [2]+21 p. ll. ([Publication 1514.]) \* Paper, 20c. ● Item 485 FS 2.2: C 16/13
- 5424 Cigarette smoking, chronic bronchitis and emphysema. [July 1965, revised Jan. 1967.] [1966.] [6] p. narrow 8° ([Publication 1103-F; National Center for Chronic Disease Control.]) \* Paper, \$2.00 per 100: single copy 5c. ● Item 485 FS 2.2: Sm 7/3/967
- 5425 Clean air act, Dec. 17, 1963 (Public law 88-206), as amended, Oct. 20, 1965 (Public law 89-272); Oct. 15, 1966 (Public law 89-675). [1967.] 14 p. 4° [Prepared for Bureau of Disease Prevention and Environmental Control, National Center for Air Pollution Control.] † ● Item 495-A  
FS 2.5: C 58
- 5426 Comprehensive care services in your community. [1967.] vi+54 p. ll. ([Publication 1353, Sept. 1966]; Division of Medical Care Administration.) \* Paper, 25c. ● Item 485  
L.C. card 67-60676 FS 2.2: C 18/5

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Commerce, Springfield, Va. 22151

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# GOVERNMENT PUBLICATIONS

- 5427 Effects of air pollution. 1966. [2]+18 p. il. oblong 12" ([Publication 1556]; Division of Air Pollution.) [Prepared for National Conference on Air Pollution, Dec. 12-14, 1966, Washington, D.C. Some illustrations are colored.] \* Paper, 45c. ● Item 492-D  
L.C. card 67-60552 FS 2.98: Ef 3 5438
- Environmental health series: Air pollution. (Division of Air Pollution.) 5439
- 5428 AP-27. Atmospheric emissions from nitric acid manufacturing processes [with list of references; by Richard W. Gerstle and others]. 1966. viii+89+[1] p. il. ([Publication 999-AP-27.]) [Cooperative study project, Manufacturing Chemists' Association, Inc. and Public Health Service.] \* Paper, 40c. ● Item 483-F FS 2.300: AP-27 5440
- 5429 Essential service of community mental health center: Emergency services [with list of reading references; prepared by Office of Public Information, National Institute of Mental Health]. [1966.] [4]+18 p. ([Publication 1477.]) [Title on cover is: Emergency services, service of community mental health center. Text on p. 2 of cover.] \* Paper, 15c. ● Item 507 FS 2.22: Em 3 5441
- 5430 — Partial hospitalization [with list of reading references; prepared by Office of Public Information, National Institute of Mental Health]. [1966.] [3]+16+[2] p. il. ([Publication 1449.]) [Title on cover is: Partial hospitalization, service of community mental health center. Text on p. 2 of cover.] \* Paper, 15c. ● Item 507 FS 2.22: H 79/2 5442
- 5431 Federal air pollution program. [1966.] 52 p. il. oblong 12" ([Publication 1560]; Division of Air Pollution.) [Prepared for National Conference on Air Pollution, Dec. 12-14, 1966, Washington, D.C. Some illustrations are colored.] \* Paper, \$1.00. ● Item 492-D  
L.C. card 67-60553 FS 2.98: F 31/2 5443
- 5432 Guide for development and administration of coordinated home care programs; prepared by American Medical Association, American Hospital Association, American Public Health Association, American Public Welfare Association, Blue Cross Association, National Association of Blue Shield Plans, National League for Nursing, Public Health Service. [1967.] cover title, iii+22 p. ([Publication 1579, Dec. 1966; Division of Medical Care Administration.]) † ● Item 496-A  
L.C. card 57-60561 FS 2.6/2: H 75 5444
- Health information series. FS 2.50: (nos.) 5445
- 5433 83. Healthy teeth, for a happy smile, for good health, for good looks; [prepared by Information Office], Division of Dental Health. [Revised 1966.] [1966.] [2]+18 p. il. narrow 8" ([Publication 405.]) [Formerly titled Good teeth.] \* Paper, 15c. ● Item 486 5446
- 5434 137. Biological effects of radiation. [1966.] cover title, 8 p. narrow 8" ([Publication 1538.]) † ● Item 486 5447
- 5435 Health professions student loan program. [Revised Oct. 1966.] [1966.] [6] p. narrow 8" ([Publication 1347.]) † ● Item 485  
FS 2.2: St 9/2/966 5448
- 5436 Home care, what it is. [1967.] [1]+6 p. ([Division of Medical Care Administration.]) [From Coordinated home care training manual, Home Care Training Center, Department of Community Health Services, School of Public Health, University of Michigan in cooperation with Visiting Nurse Association of Metropolitan Detroit. Prepared under community health grant CH-24-4.] † ● Item 485 FS 2.2: H 75/9 5449
- 5437 How to determine nursing expenditures in small health agencies, procedure using work units, joint project of Public Health Service and National League for Nursing; [by] Marion Ferguson. [Revised 1966.] [1966.] vii+54 p. il. 4" ([Publication 902]; Division of Nursing.) \* Paper, 40c. ● Item 496-A  
L.C. card 67-60564 FS 2.6/2: N 93/2/966 5450
- Interstate air pollution study, phase 2 project report. [This study of St. Louis-East St. Louis metropolitan area was prepared in cooperation with various State and local agencies of Illinois and Missouri.] † Publications Office, Robert A. Taft Sanitary Engineering Center, 4676 Columbia Parkway, Cincinnati, Ohio 45226 FS 2.2: A1 7/42/pt. (nos.) 5451

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- 5438 1. Introduction [with list of references]; prepared by N. G. Edmisten [and others]. May 1966. v+37 p. il. 4° (Division of Air Pollution, Technical Assistance Branch, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio.)
- 5439 2. Air pollutant emission inventory [with lists of references]; prepared by R. Venezia, G. Ozollins. Revised Dec. 1966. [1966.] v+50 p. il. 4° (Bureau of Disease Prevention and Environmental Control, National Center for Air Pollution Control, Cincinnati, Ohio.)
- 5440 4. Odors, results of surveys; prepared by H. Neff Jenkins, T. O. Harris, Technical Assistance Branch, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio.)
- 5441 6. Effects of air pollution [with list of references]; prepared by J. D. Williams [and others]. Dec. 1966. v+62 p. il. 4° (Bureau of Disease Prevention and Environmental Control, National Center for Air Pollution Control, Cincinnati, Ohio.)
- 5442 7. Opinion surveys and air quality statistical relationships [with list of references; by] J. D. Williams, F. L. Bunyard. May 1966. v+39 p. il. 4° (Division of Air Pollution, Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio.)
- 5443 Keep your drinking water safe. [1966.] [6] p. il. narrow 8° ([Publication 1511; Water Supply Activities.]) \* Paper, \$2.50 per 100; single copy 5c. ● Item 485 FS 2.2: W 29/55
- 5444 Life tables, 1950-61, data from National Center for Health Statistics: v. 2, State life tables, nos. 1-26. [1967.] iii+1-371 p. 4° ([Publication 1252, v. 2, nos. 1-26; Division of Health Records Statistics.]) † (Information incorrect in publication as to sale by Superintendent of Documents). ● Item 500-E FS 2.85/4: 2/1-26
- 5445 — nos. 27-51. [1967.] iii+[2]+375-711 p. 4° ([Publication 1252, v. 2, nos. 27-51; Division of Health Records Statistics.]) † (Information incorrect in publication as to sale by Superintendent of Documents). ● Item 500-E FS 2.85/4: 2/27-51
- 5446 Man is only animal who has succeeded in contaminating virtually every square inch of his surroundings, but what he has done, he is surely capable of undoing, so let us here and now resolve not to test until we have cleaned our waters, so that we can use them in safety—and cleared the air, so that we can all breathe easier, [remarks by Vice President Hubert H. Humphrey, given at Gannon College, Erie, Pa., Oct. 11, 1966]. [1966.] [1]+9 p. † FS 2.30: H 88
- 5447 Mental health benefits of Social security amendments of 1965; [prepared by Office of Information, National Institute of Mental Health]. [1966.] 16 p. oblong 24° ([Publication 1505.]) \* Paper, 15c. ● Item 507 FS 2.22: So 1/5
- 5448 Motorcycles in United States, popularity, accidents, injury control; [prepared by Bureau of Disease Prevention and Environmental Control, National Center for Urban and Industrial Health, Injury Control Program, Arlington, Va.]. [1967.] [2]+10 p. il. \* Paper, 10c. ● Item 485 FS 2.2: M 85/8
- 5449 1966 National Dental Health Assembly, emphasis, fluoridation, sponsored by Public Health Services and American Dental Association, Feb. 6-8, 1966, Arlington, Va., summary and recommendations. [1966.] vi+22 p. il. 4° ([Publication 1552; Division of Dental Health.]) \* Paper, 25c. ● Item 485 FS 2.2: F 67/10  
L.C. card 67-60565
- 5450 No laughing matter, cartoonist focuses on air pollution. [1966.] [125] p. il. 4° ([Publication 1561.]) [Prepared for National Conference on Air Pollution, Dec. 12-14, 1966, Washington, D.C. Illustrations in collation are full page cartoons reprinted with permission of owners of copyrights.] \* Paper, 70c. ● Item 492-D FS 2.98: L 36  
L.C. card 67-60305
- 5451 Nurse supply and needs, current nursing statistics in brief, 1966. [1966.] [2] p. 4° folded into oblong 48° size. ([Publication 1534; Division of Nursing.]) † ● Item 485 FS 2.2: N 93/59/966

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# GOVERNMENT PUBLICATIONS

- 5452 Nursing in coronary care units, selected publications, films, and other teaching aids. [Oct. 1966.] [2]+18 p. 4° ([Division of Chronic Diseases, Heart Disease Control Branch.]) † ● Item 481-A  
FS 2.24: N 93/3
- 5453 Outpatient psychiatric clinics, 1964 [State and total United States], special statistical report, older adult patients; prepared by Office of Biometry, Survey and Reports, National Institute of Mental Health. [1967.] 56 p. 4° ([Publication 1553] National Institutes of Health.) † ● Item 507-A-2  
L.C. card 65-62147 FS 2.22/40: 01 1/964
- 5454 Patients in mental institutions, 1964: pt. 1, Public institutions for mentally retarded; prepared by National Institute of Mental Health, Office of Biometry, Survey and Reports Section. [1966.] 72 p. 4° ([Publication 1452, pt. 1.]) † ● Item 494  
L.C. card 42-37617 FS 2.59: 964/pt. 1
- 5455 — pt. 3, Private mental hospitals and general hospitals with psychiatric facilities; prepared by National Institute of Mental Health, Office of Biometry, Survey & Reports Section. 1966. 58 p. 4° ([Publication 1452, pt. 3.]) † ● Item 494  
L.C. card 42-37617 FS 2.59: 964/pt. 3
- 5456 Portraits in community health: Dexter Manor story, health services in housing for the elderly. [Oct. 1966.] vi+26 p. ll. ([Publication 1344-3]; Division of Chronic Diseases, Gerontology Branch.) (Text on p. 2 of cover.) \* Paper, 15c. ● Item 494-D  
L.C. card 67-60551 FS 2.35/2: D 52
- 5457 Proceedings, conference of Surgeon General, Public Health Service, with State and territorial mental health authorities, Jan. 5-7, 1966, Washington, D.C. [1966.] cover title, iv+43 p. 4° ([Publication 1522.]) † ● Item 494-A FS 2.83/3: 966
- 5458 Psychologists in mental health, based on 1964 National Register of National Science Foundation; prepared by Manpower and Analytic Studies Branch, Division of Manpower and Training Programs, National Institute of Mental Health. Sept. 1966. v+9 p. 4° ([Publication 1557.]) \* Paper, 15c. ● Item 507  
L.C. card 67-60306 FS 2.22: P 95/18
- 5459 Publications of Division of Hospital and Medical Facilities, Hill-Burton program, health professions education, facilities for mentally retarded, mental health facilities. [Revised Oct. 1966.] viii+18 p. 4° ([Publication 930-G-3.]) \* Paper, 25c. ● Item 486-D FS 2.74/3: G-3/4
- 5460 Report of Conference on Personal Care in Homemaker Services. 1967. [8] p. ll. narrow 8° ([Division of Medical Care Administration.]) [Reprinted with permission from Homemaker services bulletin, v. 1, no. 4, July 1960, published by American Medical Association Council on Medical Service.] † ● Item 485 FS 2.2: H 75/10
- 5461 Rescue breathing [card]. [1966.] 3.7 x 2.3 in. [Cardboard printed on both sides.] \* Paper, 60c. per 100; single copy, 5c. FS 2.6/2: B 74
- 5462 Research and training programs of National Institute of Child Health and Human Development; [prepared by Information Office, National Institute of Child Health and Human Development, National Institutes of Health]. [Revised Oct. 1966.] [1966.] 12+[2] p. narrow 8° ([Publication 1099.]) † ● Item 507 FS 2.22: C 43/2/966
- 5463 Research grants, environmental engineering and food protection, fiscal year 1966. [1966.] [2]+23 p. 4° ([Publication 1240]; Bureau of State Services (EH), Division of Environmental Engineering and Food Protection, Research Grants Branch.) [Title on cover is: Division of Environmental Engineering and Food Protection's research grants, fy 1966.] † ● Item 486-G FS 2.300/3: 966

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- 5464 Schools offering nurse traineeships for full time academic study, 1966-67, under professional nurse traineeship program of Public Health Service. [Revised Nov. 1966.] [1966.] 18 p. ([Division of Nursing.]) [Supplement A to publication 1154-1.] † • Item 485  
FS 2.2: N 93/38/supp.-2/966
- 5465 Some implications of trends in usage of psychiatric facilities for community mental health programs and related research [with list of references]; by Morton Kramer. [1966.] viii+77 p. il. 4° ([Publication 1434]; National Institutes of Health, National Institute of Mental Health.) • Paper, 50c. • Item 507  
L.C. card 67-60563  
FS 2.22: P 95/17
- Vital and health statistics: Series 3, Analytical studies. (National Center for Health Statistics.)
- 5466 5. Infant and perinatal mortality in Scotland, analysis of infant mortality trends in Scotland by age at death, sex of child, cause of death, social class and geographic region, maternal mortality trends, stillbirth and perinatal mortality trends, effect of illegitimacy on infant mortality, historical and geographical background of Scotland, and discussion of Scotland's maternal and child welfare policies [with list of references; by Charlotte A. Douglas]. Nov. 1966. [6]+44 p. il. 4° ([Publication 1000, series 3, no. 5.]) • Paper, 35c. • Item 500-E  
L.C. card 66-60072  
FS 2.85/2: 3/no.5
- Series 10, Data from National Health Survey. (National Center for Health Statistics.) • Item 500-E
- 5467 33. Cost and acquisition of prescribed and nonprescribed medicines, United States, July 1964-June 1965 [with list of references; by Charles S. Wilder]. Oct. 1966. [4]+59 p. il. 4° ([Publication 1000-series 10, no. 33; Division of Health Interview Statistics.]) • Paper, 40c.  
L.C. card 66-61821  
FS 2.85/2: 10/no.33
- Series 11, Data from National Health Survey. (National Center for Health Statistics.) • Item 500-E  
FS 2.85/2: 11/no. (nos.)
- 5468 20. Osteoarthritis in adults, by selected demographic characteristics, United States, 1960-62, analysis of differentials by family income, education, marital status, usual activity status, occupation, and industry [with list of references; by Arnold Engel, Thomas A. Burch]. Nov. 1966. [4]+27 p. il. 4° ([Publication 1000, series 11, no. 20; Division of Health Examination Statistics.]) • Paper, 25c.  
L.C. card 67-60630
- 5469 21. Childbearing and diabetes mellitus, United States, 1960-62 [with list of references; by John B. Sullivan and Tavia Gordon]. Nov. 1966. [11]+21+19 p. il. 4° ([Publication 1000, series 11, no. 19; Division of Health Examination Statistics.]) • Paper, 25c.  
L.C. card 66-62093
- 5470 23. Decayed, missing, and filled teeth in adults, United States, 1960-62 [with list of references; by James E. Kelly, Lawrence B. Van Kirk, Jr., and Caroline C. Garst]. Feb. 1967. [4]+47 p. il. 4° ([Publication 1000, series 11, no. 23; Division of Health Examination Statistics.]) • Paper, 35c.  
L.C. card 66-62205
- Series 21, Data from National Vital Statistics System. (National Center for Health Statistics.)
- 5471 10. Marriage statistics analysis, United States, 1962: [by Carl E. Ortmeier and Elizabeth F. Whiteman]. Jan. 1967. [6]+30 p. il. 4° ([Publication 1000, series 21, no. 10; Division of Vital Statistics.]) • Paper, 30c. • Item 500-E  
FS 2.85/2: 21/no.10
- 5472 What you should know about grade A milk. [1966.] [1]+18 p. il. ([Publication 1472; Division of Environment Engineering and Food Protection, Milk and Food Branch.]) • Paper, 15c. • Item 485  
FS 2.2: M 59/12

## PUBLIC ROADS BUREAU, Commerce Dept. Washington, D.C. 20235

- 5473 Construction safety requirements, Federal highway projects, 1966. [5]+85 p. il. 12° [Errata, 1 p., issued also.] • Paper, 55c. • Item 265-A  
L.C. card 67-60663  
C 37.6/2: Sa 1
- 5474 Highway & human values, Bureau of Public Roads report for fiscal year 1966. [1967.] 72 p. il. 4° • Paper, 75c. • Item 264  
L.C. card 7-14969  
C 37.1: 966

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# GOVERNMENT PUBLICATIONS

- 5475 Making highway safety everybody's business, remarks by Charles W. Prisk, Deputy Director, Office of Highway Safety, Bureau of Public Roads, Department of Commerce, at 21st Mayor's Highway Safety Conference, Pittsburgh, Pa., Dec. 5, 1966. [1966.] 10 leaves, 4° †  
C 37.21: P 93
- 5476 Presplitting, controlled blasting technique for rock cuts [with bibliography]; reported by Task Group for Mechanics of Solids, Office of Research and Development. July 1966. iv+36 p. il. 4° \* Paper, 30c. ● Item 265  
L.C. card 67-60419 C 37.2: P 62
- 5477 Public participation in highway beautification, sampling of projects reported by State highway departments. Aug. 1966. [2]+14 p. il. †  
C 37.2: B 38
- 5478 Report on accuracy of traffic assignment when using capacity restraint [with bibliography], by Thomas F. Humphrey, Urban Planning Division, Bureau of Public Roads, prepared for 46th annual meeting of Highway Research Board, Washington, D.C., Jan. 1967. [1967.] [5]+51 p. il. 4° †  
C 37.21: H 88

## RECLAMATION BUREAU, Interior Dept. Washington, D.C. 20240

- Engineering monograph. (Water resources technical publication.)
- 5479 36. Guide for preliminary design of arch dams; by Howard L. Boggs. [1st printing Nov. 1966.] [1967.] ix+17 p. il. 4° (Division of Design, Office of Chief Engineer, Denver, Colo.) \* Paper, 25c. ● Item 664-B  
L.C. card 67-60667 I 27.34: 36
- 5480 Plan to develop technology for increasing water yield from atmospheric sources, atmospheric water resources program. Nov. 1966. [7]+56 p. il. 4° (Office of Atmospheric Water Resources.) [Text on p. 2 of cover.] †  
I 27.2: W 29/5

## SAVINGS BONDS DIVISION, Treasury Dept. Washington, D.C. 20226

- 5481 Do-it-yourself plan that really works, now build your own retirement program with U.S. savings bonds. [Revised edition.] [1966.] [6] p. il. narrow 8° ([SDB-599-rev. 6.]) \* Paper, \$2.75 per 100; single copy, 5c. ● Item 971  
T 66.2: R 31/5/966

## SECRET SERVICE, Treasury Dept. Washington, D.C. 20220

- 5482 Know your money. [1966.] cover title, 34+[2] p. il. oblong 24° [Text on p. 3 of cover.] \* Paper, 25c. ● Item 974  
L.C. card 40-29083 T 34.2: M 74/966

## SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

- 5483 32nd annual report, Securities and Exchange Commission, fiscal year 1966. [1966.] xviii+169 p. il. [Also issued as H. doc. 19, 90th Cong., 1st sess.] \* Paper, 55c. ● Item 903  
L.C. card 35-26901 SE 1.1: 966
- 5484 General rules and regulations under Securities act of 1933 as in effect Oct. 1, 1966. [1966.] ix+85 p. 4° [Code of Federal regulations, title 17, pt. 230.100.] \* Paper, 55c. ● Item 907  
L.C. card 36-26162 SE 1.6: R 86/2/966
- 5485 Work of Securities and Exchange Commission; Dec. 1966. [1967.] ix+25 p. il. † ● Item 904  
L.C. card 64-61176 SE 1.2: Se 26/3/966

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### SELECTIVE SERVICE SYSTEM Washington, D.C. 20435

- 5486 Selective service college qualification test, Mar. 11, Mar. 31, Apr. 8, 1967.  
[1966.] 10 p. ll. 4° † ● Item 1077-B Y 3.Se 4: 22/967

### SHIP STRUCTURE COMMITTEE Washington, D.C. 20226

SSC (series). Y 3.Sh 6: SSC-(nos.)

- 5487 176. Biennial report of Ship Structure Committee [convened by Secretary of Treasury, Oct. 30, 1964-May 31, 1966]. [June 1, 1966.] cover title, [1]+26+ [4] p. ll. 4° [Text on p. 2 of cover.] †
- 5488 178. Survey of some recent British work on behaviour of warship structures [with list of references]; by J. Clarkson. Nov. 1966. [4]+17+[2] p. ll. 4° (Special report.) [Text on p. 2 of cover.] † (Price upon application).
- 5489 179. Residual strains and displacements within plastic zone ahead of a crack [with list of references]; by J. Cammett, A. R. Rosenfield, and G. T. Hahn. Nov. 1966. [4]+16+[2] p. ll. 4° (National Academy of Sciences, National Research Council.) [3d progress report on project SR-164, Local strain measurement, to Ship Structure Committee, under Department of Navy, Bureau of Ships contract NOBs-92383. Text on p. 2 of cover.] † (Price upon application).

### SMALL BUSINESS ADMINISTRATION Washington, D.C. 20416

- 5490 Handbook for participation loans with Small Business Administration, guide for private lending institutions. [1967.] viii+121 p. 4° [Issued in looseleaf form.] † ● Item 901-P SBA 1.19: L 78/3
- 5491 Small Business Administration publications, for sale booklets. Nov. 1966. 6 p. 4° (SBA 115B.) † ● Item 901-N SBA 1.18: 966-4
- 5492 — free management assistance publications. Nov. 1966. [4] p. 4° (SBA 115 A.) † ● Item 901-N SBA 1.18: 966-3
- Small business bibliographies. † ● Item 901-K SBA 1.3: (nos.)
- 5493 8. Operating costs and ratios, retail; by Donald W. Scotton. Sept. 1966 revision. [1966.] 10 p. 4°
- 5494 20. Advertising, retail store; revised by J. Wade Rice. Oct. 1966 revision. [1966.] 7 p. 4°
- 5495 23. Training retail salespeople; by William B. Logan. Sept. 1966. (revision). [1966.] 8 p. 4°
- 5496 Small business pooling, defense production, and research & development; [prepared by Office of Procurement and Technical Assistance]. [Oct. 1966.] 24 p. ll. 4° (Office of Public Information.) † ● Item 901-B SBA 1.2: P 78/966
- Starting and managing series.
- 5497 v. 12. Starting and managing small drycleaning business [with list of trade journals]; by Noel Grady. 1966. vi+80 p. ll. ([Office of Management Assistance.]) \*Paper, 35c. ● Item 901-L SBA 1.15: 12

### SMITHSONIAN INSTITUTION Washington, D.C. 20560

- 5498 Apollo program, midstream appraisal, [lecture delivered by] George M. Low [at Smithsonian Institution, Feb. 17, 1966]. 1966. 22 p. ll. ([Publication 4693; Edwin A. Link lecture series.]) [Text on p. 2 of cover.] † Paper, \$1.00. L.C. card 67-60632 SI 1.21: Ap 4
- Publications in salvage archeology; series editor Warren W. Caldwell.
- 5499 2. Black Partizan site [with bibliographies]; by Warren W. Caldwell. Lincoln, Nebr., 1966. [1]+iii+145 p. ll. (River basin surveys; Office of Anthropology.) † L.C. card 67-60629 SI 1.22: 2

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## Smithsonian miscellaneous collections.

- 5500 v. 151, no. 8. Behavior of *Ateles geoffroyi* and related species [with list of literature cited]; by John F. Eisenberg and Robert E. Kuehn. Nov. 29, 1966 [Port City Press, Inc. Baltimore, Md.]. iv+63+[1] p. il. 6 p. of pl. (Publication 4683.) † (Price upon application). L.C. card 67-60362 SI 1.7: 151/8

## SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

### Actuarial note.

- 5501 33. Vested benefits; by Jane M. Ceccarelli. Nov. 1966. [3] p. 4° † FS 3.19/2: 33

### Health insurance for the aged HIM (series). ● Item 516-C

- 5502 4. Conditions for coverage of services of independent laboratories; [Dec. 1966]. [1967.] cover title, [1]+18 p. 4° † FS 3.6/4: (nos.)
- 5503 5. Principles of reimbursement for provider costs. Revised [Jan. 1967]. [1967.] cover title, 30 p. 4° [Table of contents on p. 2 of cover.] \* Paper, 30c.
- 5504 12. Extended care facility manual. [Jan. 1967.] cover title, [2]+55+v p. il. 4° [Issued in looseleaf form.] †

### OASI (series). ● Item 518-A FS 3.35: (nos.)

- 5505 33f. How social security works for nonprofit organizations and their employees. [July 1966.] [6] p. narrow 8° †
- 5506 35. Your social security. [Jan. 1967.] 32 p. oblong 48° \* Paper, \$6.50 per 100; single copy 10c. L.C. card HEW 60-28
- 5507 40. Where to get help or information on social security. [Oct. 1966.] 11+[1] p. narrow 8° (District Offices.) †
- 5508 80c. Suggested outline for studying social security [with list of suggested supplementary reading]. Sept. 1966. [1]+5 p. il. 4° [Issued with perforations.] †
- 5509 877b. Almost 65? here is important information for you, from your pharmacist. [Nov. 1966.] [1]+6 p. oblong 48° †
- 5510 877c. Almost 65? Here is important information for you. [Nov. 1966.] [1]+6 p. oblong 48° \* Paper, \$3.75 per 100; single copy 5c.
- 5511 883A. Medicare for people 65 and over, hospital insurance [and medical insurance]. [Nov. 1966.] [10] p. il. narrow 8° †
- 5512 887. Social security cash benefits for students, 18-22. [Oct. 1966.] 6 p. narrow 12° \* Paper, \$2.00 per 100; single copy 5c.
- 5513 892. When you enter hospital, how does medicare help. Jan. 1967. [4] p. 4° †

### Research and statistics note, 1966 (series).

- 5514 17. Income status of OASDHI beneficiaries with and without private pensions. Nov. 29, 1966. 2+[2] p. 4° (Office of Research and Statistics.) † FS 3.28/2: 966/17

### Research and statistics note, 1967 (series). (Office of Research and Statistics.) † FS 3.28/2: 967/(nos.)

- 5515 1. Health insurance for aged, initial operating data; prepared in Division of Health Insurance Studies. Jan. 6, 1967. 6 p. 8 tab. 4°
- 5516 2. New pension and medical care legislation in Canada; prepared by Daniel Gerig. Jan. 13, 1967. 6 p. 4°

## SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, D.C. 20250

- 5517 Soil survey: Wood County, Ohio [with list of literature cited; by Donald F. Rappaport and Donald R. Urban]. Dec. 1966. cover title, 11+96 p. il. 111 p. of pl. and maps, 1 tab., 4° [Prepared in cooperation with Ohio Department of Natural Resources, Division of Lands and Soil and Ohio Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$5.25. ● Item 102 (Rev. 1957) A 57.38: W 85
- L.C. card Agr 67-68

### Soil Survey series 1961.

- 5518 37. Monroe County, Miss. [with list of literature cited; by L. C. Murphree and others]. Nov. 1966. cover title, 1+123 p. il. 137 p. of pl. and maps, 1 tab., 4° [Prepared in cooperation with Mississippi Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] \* Paper, \$6.50. ● Item 102 (Rev. 1957) A 57.38: 961/37
- L.C. card Agr 67-90

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# MARCH 1967

- 5519 Water supply outlook, Federal-State-private-cooperative snow surveys: Early season snow report for Colorado; prepared by Jack N. Washichek and Donald W. McAndrew. Jan. 1, 1967. 1 p. 4° (Snow Survey Section, Soil Conservation Service, Colorado State University.) †  
A 57.2: Sn 6/9/967

## STATE DEPARTMENT Washington, D.C. 20520

Background notes. ([Office of Media Services, Bureau of Public Affairs.])  
[Issued with perforations.] • Item 862-B

- 5520 Botswana [with bibliography]. [Revised Dec. 1966.] [1966.] [4] p. ll. 4°  
([Publication 8046.]) • Paper, 5c. S 1.123: B 65  
L.C. card 66-61561
- 5521 Guatemala [with bibliography]. [Revised Nov. 1966.] [1966.] 4 p. ll. 4°  
([Publication 7798.]) • Paper, 5c. S 1.123: G 93/966  
L.C. card 66-61561
- 5522 Hong Kong [with bibliography]. [Nov. 1966.] 3 p. ll. 4° ([Publication 8126.])  
• Paper, 5c. S 1.123: H 75  
L.C. card 65-60213
- 5523 Tunisia [with bibliography]. [Nov. 1966.] 4 p. ll. 4° ([Publication 8142.])  
• Paper, 5c. S 1.123: T 83  
L.C. card 65-60213
- 5524 Career opportunities in communications and records with Department of State, world-wide assignments. [1966.] 14 p. ll. narrow 8° ([CR-1 (revised), 12-66.]) † • Item 876 S 1.2: C 18/966
- Center for International Systems Research: Occasional papers. • Item 862-E
- 5525 2. Some causes of organizational ineffectiveness within Department of State; [by] Chris Argyris. [Jan. 1967.] ix+52 p. ([Publication 8180.])  
[Text on p. 3 of cover.] • Paper, 25c. S 1.124: 2  
L.C. card 67-60654
- 5526 East Asia, selected functional bibliography. [Jan. 1967.] 20 p. 4° (Foreign Service Institute, Center for Area and Country Studies.) †  
L.C. card 67-60642 S 1.114/3: As4
- 5527 Foreign relations of United States, diplomatic papers 1944: v. 1, General. 1966. vi+1554 p. 3 pl. 2 maps. ([Publication 8138; Historical Office, Bureau of Public Affairs.]) [Also issued as H. doc. 303, pt. 1, 79th Cong., 1st sess.] • Cloth, \$5.75. • Item 872 S 1.1: 944/1.1  
L.C. card 10-3793
- International organization and conference series. S 1.70: (nos.)
- 5528 57. U.S. participation in International Atomic Energy Agency, report by the President to Congress for year 1963. [Feb. 1965.] vi+17 p. ([Publication 7784.]) †
- 5529 70. 18th annual report to United Nations on administration of Trust Territory of Pacific Islands, July 1, 1964-June 30, 1965, transmitted by United States to United Nations pursuant to art. 88 of Charter of United Nations. [Apr. 1966.] vi+334+[4] p. ll. map. ([Publication 8064.])  
[Title on cover is: Trust Territory of Pacific Islands, 1965. Previous reports in series were published by Department of Navy, 1948-51, and Department of Interior, 1952-53. Material for present report was furnished by Department of Interior.] • Paper, \$1.25. • Item 882-B (Special offer)  
L.C. card 49-45517
- 5530 74. Power and responsibility, [by] Joseph J. Sisco, Assistant Secretary for International Organization Affairs, address before regional foreign policy conference at New Orleans, La., on Nov. 12, 1966. [Dec. 1966.] 8 p. 4° ([Publication 8177; Office of Media Services, Bureau of Public Affairs.])  
[Reprinted from Department of State bulletin, Dec. 5, 1966.] • Paper, 15c. • Item 882-B  
L.C. card 67-60661
- 5531 Studies in progress or recently completed: Arms control and disarmament [ACD-8]; compiled by Dallas Lloyd and Robert Hensler. Nov. 1966. [3] leaves+52 p. 4° (External Research Office, [Bureau of Intelligence and Research.]) [Semiannual. Compiled for Arms Control and Disarmament Agency.] † (Available to libraries, scholars, and universities only.) • Item 862-C S 1.117/5: 8

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- 5532 5993. Technical cooperating, agreement between United States and Afghanistan, extending agreement of June 30, 1953, as extended, effected by exchange of notes signed Kabul Apr. 2 and 4, 1966; [entered into force Apr. 4, 1966, effective Mar. 31, 1966]. [1966.] [2]+3 p. [English and Persian.] \* Paper, 5c.  
L.C. card 66-62113
- 5533 6027. Atomic energy, application of safeguards by IAEA to United States-Israel cooperation agreement, agreement between United States, Israel, and International Atomic Energy Agency, signed Vienna June 18, 1965; [entered into force June 15, 1966.] [1966.] [2]+10 p. \* Paper, 10c.  
L.C. card 66-62140
- 5534 6035. Leased bases in Newfoundland, ferry service, agreement between United States and Canada, effected by exchange of notes signed Washington June 8 and 10, 1966; [entered into force June 10, 1966]. [1966.] [2]+14 p. \* Paper, 10c.  
L.C. card 66-62332
- 5535 6042. Agricultural commodities, agreement between United States and Democratic Republic of the Congo, amending agreement of July 19, 1965, effected by exchange of notes signed Léopoldville Apr. 22 and 25, 1966; [entered into force Apr. 25, 1966.] [1966.] [2]+4 p. [English and French.] \* Paper, 5c.  
L.C. card 66-62337
- 5536 6054. Tracking stations, agreement between United States and United Kingdom of Great Britain and Northern Ireland, extending agreement of Jan. 20, 1961, effected by exchange of notes signed London Jan. 17 and Feb. 8, 1966; [entered into force Jan. 17, 1966]. [1966.] [2]+2 p. \* Paper, 5c.  
L.C. card 66-62653
- 5537 6067. Agricultural commodities, agreement between United States and Tunisia, agreement signed Tunis July 30, 1966; [entered into force July 30, 1966] with exchange of notes. [1966.] [2]+12 p. \* Paper, 10c.  
L.C. card 67-60645
- 5538 6078. Sampling of radioactivity of upper atmosphere by means of balloons, agreement between United States and Australia, extending agreement of May 9, 1961, as extended, effected by exchange of notes dated Canberra Aug. 9, 1966; [entered into force Aug. 1966]. [1966.] [2]+2 p. \* Paper, 5c.  
L.C. card 67-60646
- 5539 6103. Asian Development Bank, agreement between United States and other Governments, done at Manila Dec. 4, 1965; [entered into force Aug. 22, 1966]. [1966.] [2]+52 p. [English and French.] \* Paper, 20c.  
L.C. card 67-60647
- 5540 6106. Trade, renegotiation of schedule 20 (United States) to General agreement on tariffs and trade, interim agreement between United States and Japan, signed Geneva Sept. 6, 1966; [entered into force Sept. 6, 1966]. [1966.] [2]+30 p. \* Paper, 15c.  
L.C. card 67-60648
- 5541 6107. Agricultural commodities, sales under title 4, agreement between United States and Indonesia signed Washington Sept. 30, 1966; [entered into force Sept. 30, 1966] with exchange of notes. [1966.] [2]+6 p. \* Paper, 5c.  
L.C. card 67-60631
- 5542 6109. Prevention of pollution of sea by oil, amendments to convention of 1954, between United States and other Governments, adopted by conference of contracting Governments to convention of 1954 held London Apr. 4-11, 1962 [proclaimed by President of United States Oct. 7, 1966, entry into force May 18, 1967 for amendments to art. 1-10, 16, and 18 and annexes A and B. June 28, 1967, for amendment to art. 14]. [1966.] [2]+29 p. [English and French.] \* Paper, 15c.  
L.C. card 67-60557
- 5543 6110. Exchange of official publications, agreement between United States and Republic of Korea, effected by exchange of notes dated Seoul Apr. 18 and Sept. 24, 1966; [entered into force Sept. 24, 1966]. [1966.] [2]+5 p. [English and Korean.] \* Paper, 5c.  
L.C. card 67-60499
- 5544 6111. Investment guaranties, agreement between United States and Philippines, supplementing agreement of Feb. 18 and 19, 1952, effected by exchange of notes, signed Manila Feb. 25, 1965 and Aug. 15, 1966; [entered into force Aug. 15, 1966]. [1966.] [2]+3 p. \* Paper, 5c.  
L.C. card 67-60520
- 5545 6115. Radio communications between amateur stations on behalf of 3d parties, agreement between United States and Uruguay, effected by exchange of notes dated Montevideo Sept. 12, 1961; [entered into force Sept. 26, 1966]. [1966.] [2]+4 p. [English and Spanish.] \* Paper, 5c.  
L.C. card 67-60523

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- 5546 6116. Circulation of visual and auditory materials of educational, scientific and cultural character, agreement and protocol between United States and other governments, opened for signature Lake Success, July 15, 1949 [proclaimed by President of United States Oct. 14, 1966; date of entry into force with respect to United States Jan. 12, 1967]. [1966.] [2] + 34 p. [English and French.] \* Paper, 15c.  
L.C. card 67-60649
- 5547 6118. Agricultural commodities, sales under title 4, agreement between United States and Brazil signed Rio de Janeiro Apr. 23, 1966; [entered into force Apr. 23, 1966] with exchange of notes. [1967.] [2] + 13 p. [English and Portuguese.] \* Paper, 10c.  
L.C. card 67-60525
- 5548 6128. Meteorological research by means of rockets, agreement between United States and Canada, effected by exchange of notes, dated Ottawa Sept. 29 and Oct. 6, 1966; [entered into force Oct. 6, 1966]. [1967.] [2] + 3 p. \* Paper, 5c.  
L.C. card 67-60558
- 5549 6129. Importation of educational, scientific, and cultural materials (Florence agreement), agreement and protocol between United States and other Governments, opened for signature at Lake Success, Nov. 2, 1950 [signed on behalf of United States June 24, 1950, proclaimed by President of United States Nov. 3, 1966; entered into force with respect to United States Nov. 2, 1966]. [1967.] [2] + 30 p. [English and French.] \* Paper, 15c.  
L.C. card 67-60534
- 5550 6130. Defense, air depot at Deols, La Martinerie, agreement between United States and France, signed Paris Feb. 27, 1951; [entered into force Feb. 27, 1951]. [1967.] [2] + 8 p. [English and French.] \* Paper, 10c.  
L.C. card 67-60650
- 5551 6132. Defense, system of communications and depots in metropolitan France, agreement between United States and France, signed Paris Dec. 8, 1958; [entered into force Dec. 8, 1958]. [1967.] [2] + 8 p. [English and French.] \* Paper, 10c.  
L.C. card 67-60531
- 5552 6135. Air transport services, agreement with annex, supplementary agreement, and exchange of notes between United States and Union of Soviet Socialist Republics, signed Washington Nov. 4, 1966; [entered into force Nov. 4, 1966]. [1966.] [2] + 52 p. [English and Russian.] \* Paper, 20c.  
L.C. card 67-60532
- 5553 United States and the world, introduction to our foreign relations, 53-frame color filmstrip presented by Department of State, teacher's manual. [Nov. 1966.] [2] + 16 + [1] p. il. 4" ([Publication 8146; Office of Media Services, Bureau of Public Affairs.]) \* Paper, 15c. ● Item 876-B  
S 1.40/2: Un 35

## STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, D.C. 20250

- 5554 Onion stocks, Jan. 1, 1967. Jan. 16, 1967, 2 p. 4" (VG-4 (1-67); Crop Reporting Board.) †  
A 92.11/12: 967
- 5555 Pig crop report, Dec. 1966. Dec. 23, 1966. 19 p. 4" (MtAn 4 (12-66); Crop Reporting Board.) †  
A 92.18/7: 966-4
- 5556 Sheep & lambs on feed, Nov. 1, 1966. Nov. 15, 1966. [2] p. 4" (MtAn 5-2 (11-66); Crop Reporting Board.) †  
A 92.18/9: 966-3
- 5557 — Jan. 1, 1967. Jan. 13, 1967. 6 p. 4" (MtAn 5-2 (1-67); Crop Reporting Board.) †  
A 92.18/9: 967
- 5558 Special Idaho potato survey as of Jan. 1, 1967. Jan. 13, 1967. 2 p. 4" (Pot 7 (1-67); Crop Reporting Board.) †  
A 92.2: P 84
- SRS (series).
- 5559 1. Directory of refrigerated warehouses in United States; [revised by Agricultural Estimates Division]. Nov. 1966. 55 p. il. 4" (Crops Reporting Board.) † ● Item 24-Q  
A 92.34: 1/2
- 5560 Vegetables, fresh market, 1966, annual summary, acreage, production and value of principal commercial crops by seasonal groups and States. Dec. 20, 1966. 63 p. 4" (Vg 2-2 (66); Crop Reporting Board.) †  
● Item 24-E  
L.C. card 57-60081  
A 92.11/10-2: 966

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- 5561 Vegetables, processing, 1966, annual summary, acreage, production and value of principal commercial crops by States. Dec. 20, 1966. 27 p. 4° (Vg 3-2 (66); Crop Reporting Board.) †  
L.C. card 57-62199 A 92.11/10: 966

### SUBVERSIVE ACTIVITIES CONTROL BOARD Washington, D.C. 20445

- 5562 16th annual report of Subversive Activities Control Board, fiscal year 1966. 1966. v+10 p. \* Paper, 15c. ● Item 1079-A  
L.C. card 56-52818 Y 3.Su 1: 1/966
- 5563 Reports of Subversive Activities Control Board, v. 1-4, index digest. 1966. [2]+xix+199 p. \* Cloth, \$1.75. ● Item 1079-A  
L.C. card 66-60943 Y 3.Su 1: 8-2/1-4/ind.

### TARIFF COMMISSION Washington, D.C. 20436

- 5564 Operation of trade agreements program, 16th report, July 1963-June 1964, prepared in conformity with sec. 420(b) of Trade expansion act of 1962. 1966. vii+75 p. (TC publication 164.) \* Paper, 30c. ● Item 980-A  
L.C. card 49-45514 TC 1.14/3: 963-64
- 5565 Tariff Commission submits report to Automotive Agreement Adjustment Assistance Board in case pertaining to certain workers of Maremont Corporation. Dec. 8, 1966. [1]+5+[1] leaves, 4° (TC publication 191; APTA-W-4.) †  
TC 1.2: Au 8/2

### TENNESSEE VALLEY AUTHORITY Washington, D.C. 20444

- 5566 Annual report of Tennessee Valley Authority, fiscal year 1966. [1966.] x+93+A128 p. il. \* Paper, \$1.00. ● Item 1080  
L.C. card 35-26123 Y 3.T 25: 1/966
- 5567 Navigation and economic growth, Tennessee River experience, report by Tennessee Valley Authority. [Sept. 1966.] cover title, 40 p. il. 4° [Prepared pursuant to sec. 22 of TVA act and Executive order 6161, June 8, 1933.] †  
L.C. card 67-60516 Y 3.T 25: 2 N 22/4
- 5568 1966 operations, municipal and cooperative distributors of TVA power. [Nov. 1, 1966.] cover title, 63 p. il. overlay, 4° [Some illustrations are colored. Colored map on p. 3 of cover.] †  
L.C. card 55-60221 Y 3.T 25: 1-3/966

### TREASURY DEPARTMENT Washington, D.C. 20220

#### Department circular.

- 5569 653. Offering of United States savings bonds, series E, 7th revision, Mar. 18, 1966, amdt. 2. Aug. 19, 1966. 1 p. 4° (Fiscal Service, Bureau of Public Debt.) † ● Item 924 T 1.4/2: 658/amdt.2

#### Department circular, public debt series.

- 5570 7-66. United States of America 5% percent Treasury notes of series A-1968, dated and bearing interest from Nov. 15, 1966, due Feb. 15, 1968. Oct. 28, 1966. 2 p. 4° † ● Item 924 T 1.4/3: 7-66
- 5571 Financing college education, remarks by Joseph W. Barr, Under Secretary of Treasury, at annual banquet of New York Chapter, American Institute of Banking, New York, N.Y., Feb. 4, 1967. [1967.] 11 p. 4° (F-797.) †  
T 1.31: B 27/27
- 5572 Progress in management improvement, report for fiscal year 1966. [1966.] cover title, [6]+26 p. il. † ● Item 925-A  
L.C. card 52-60316 T 1.43: 966

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- 5573 Remarks by Henry H. Fowler, Secretary of Treasury before Advertising Federation of America and Advertising Association of West, Washington, D.C., Feb. 6, 1967. [1967.] 10 p. 4° (F-798.) † T 1.31: F 82/74
- 5574 Remarks by True Davis, Assistant Secretary of Treasury at annual banquet and installation of officers of Home Builders Association, St. Joseph, Mo., Jan. 28, 1967. 1967. 10 p. 4° (F-789.) † T 1.31: D 29/3
- 5575 Treasury enforcement agent. [1966.] cover title, 24 p. il. 4° ([Document 5515 (Rev. 10-66); Law Enforcement Agencies, Bureau of Customs, Bureau of Narcotics, Internal Revenue Service, Secret Service.]) †  
● Item 925 T 1.2: En 2/906
- 5576 Your career in Bureau of Accounts, U.S. Treasury Department. [1966.] 14 p. il. † ● Item 925 T 1.2: C 18

### UNITED STATES INFORMATION AGENCY Washington, D.C. 20547

- 5577 English teaching forum, facts and ideas for teacher of English as foreign language, v. 5, no. 1, Jan.-Feb. 1967 [articles]. [1967.] cover title, 32 p. il. 4° [Text on p. 2-3 of cover.] \* Paper, 25c. ● Item 672-D  
IA 1.17: 5/1

### UNITED STATES TRAVEL SERVICE, Commerce Dept. Washington, D.C. 20230

- 5578 9th program report, annual report of Secretary of Commerce on United States Travel Service, Jan.-Dec. 1965. [1966.] [4]+47 p. il. 4° \* Paper, 40c. ● Item 271-A C 47.1: 965-2
- 5579 10th program report, United States Travel Service, Jan.-June 1966. [1967.] 14 p. 4° † Paper, 25c. C 47.1: 966
- 5580 Summary report, survey of market for travel to United States from: France. [Apr. 1966.] cover title, [1]+18 p. 4° † C 47.2: F 84
- 5581 — Mexico. [Apr. 1966.] cover title, 16+[4] p. 4° [Text on p. 2 of cover.] † C 47.2: M 57
- 5582 — United Kingdom. [Apr. 1966.] cover title, [1]+18+[4] p. 4° † C 47.2: Un 3k
- 5583 — West Germany. [Apr. 1966.] cover title, 19+[4] p. 4° [Text on p. 2 of cover.] † C 47.2: G 31

### VETERANS ADMINISTRATION Washington, D.C. 20420

- 5584 Contest news, cash & prizes, 1967 annual HVWP writing contest for hospitalized veterans. [1967.] cover title, 24 p. il. ([Department of Medicine and Surgery.]) † ● Item 985 VA 1.2: W 93/967
- 5585 Spinal cord injury, selected bibliography, supplement 1964-65; [compiled by Muriel McKenna]. Sept. 1966. iv+38 p. 4° (Medical and General Reference Library, Department of Medicine and Surgery.) \* Paper, 30c. ● Item 983-A  
L.C. card 65-61760 VA 1.20/2 :2Sp 4/supp. 964-65
- VA fact sheet IS (series).
- 5586 1. Federal benefits for veterans and dependents. Jan. 1967. viii+50 p. \* Paper, 20c. ● Item 989-B VA 1.34: IS-1/10
- VA pamphlet.
- 5587 07-S. Veterans Administration cost reductions, Fy 66. [Dec. 1966.] cover title, 31 p. il. oblong 12° † ● Item 988 VA 1.19: 07-8

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## VOCATIONAL REHABILITATION ADMINISTRATION, Health, Education, and Welfare Dept., Washington, D.C. 20201

- 5588 Caseload statistics, State vocational rehabilitation agencies, fiscal year 1966. [1966.] cover title, 36 p. il. 4° (Division of Statistics and Studies.) †  
L.C. card 58-32119 FS 13.202: C 26/966
- 5589 Progress report, new grant programs in vocational rehabilitation. [Jan. 1967.] cover title, [12] p. 12° [Text on p. 3-4 of cover.] † ● Item 529 FS 13.202: G 76/4

## WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept., Washington, D.C. 20210

- 5590 Manuel de referencia sobre la ley de normas razonables de trabajo segun enmendada en 1966. Oct. 1966. cover title, 16 p. (WHPC publication 1159.) [Text on p. 2 of cover.] \* Paper, 15c.  
L 22.5: F 15/3/966-2/Spanish
- 5591 Retail trade, study to measure effects of minimum wage and maximum hours standards of Fair labor standards act, submitted to Congress Jan. 1967; [prepared by Nathaniel H. Pierson, assisted by Grace W. Rickard]. [1967.] cover title, vii+76+A+a-x+A-228 p. 4° ([Office of Research and Legislative Analysis.] † ● Item 777 L 22.2: R 31/4/967

## WEATHER BUREAU, Commerce Dept. Washington, D.C. 20235

### Circular.

- 5592 N. Manual of surface observations (WBAN), 7th edition (revised to include changes 1-13), Apr. 1966; Change 13A. [1966.] [42] p. il. 4° [Prepared with collaboration of Air Force Air Weather Service, and Navy, Naval Weather Service.] \* Paper, 25c. ● Item 273 C 30.4: N/966/ch.13A
- 5593 Frequency distribution of rainfall in tropical storms, U.S. Gulf Coast [with list of references]; by Hugo V. Goodyear. [1967.] 20+[28] p. il. 4° [Paper prepared for presentation at Environmental Engineering Conference, American Society of Civil Engineers, Dallas, Tex., Feb. 6-10, 1967.] † C 30.81: G 63
- Hydrometeorological report.
- 5594 43. Probable maximum precipitation, Northwest States [with list of references]; prepared by Hydrometeorological Branch, Office of Hydrology. Nov. 1966. x+228 p. il. 4° \* Paper, \$1.75. ● Item 275-A C 30.44: 43

## WELFARE ADMINISTRATION, Health, Education, and Welfare Dept. Washington, D.C. 20201

- 5595 Neighborhood service centers [with list of references]; by Robert Perlman and David Jones. 1967. v+100 p. 4° ([JD publication 1005]; Office of Juvenile Delinquency and Youth Development.) \* Paper, 60c.  
● Item 532-A-1 FS 14.2: N 31  
L.C. card HEW 67-40
- 5596 Welfare in review, statistical supplement. 1966 edition. [1967.] cover title, [1]+44 p. 4° [Text on p. 3-4 of cover.] \* Paper, 35c. ● Item 532-A-2 FS 14.10/2: 966  
L.C. card 65-62351

## WOMEN'S BUREAU, Labor Dept. Washington, D.C. 20210

- 5597 Bibliography, mature women workers. Jan. 1967. [3] p. 4° ([WB 67-201.]) † L 13.18/2: W 84/2

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# MARCH 1967

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- 5598 293. Fringe benefit provisions from State minimum wage laws and orders Sept. 1, 1966, 1966 [published 1967]. vi+112 p. oblong 12° [Revision of Bulletin 250 and to be used in conjunction with Bulletin 291, analysis of coverage and wage rates of State minimum wage laws and orders]. \* Paper, 55c. ● Item 781 L 13.3: 293
- 5599 Counseling and vocational guidance services for New York City women. Jan. 1967. [1]+3 leaves, 4° ([WB 67-202.]) † L 13.2: C 83/4
- 5600 Fact sheet on American family in poverty. [Reissued Nov. 1966.] [1966.] 3 p. 4° ([WB 67-155.]) † L 13.2: P 86/2/966
- 5601 Fact sheet on nonwhite women workers. Oct. 1966. 2 p. 4° ([WB 67-107.]) † L 13.2: N 73/2/966-2
- 5602 Fact sheet on women in professional and technical positions. [Nov. 1966.] 5 p. 4° (WB 67-164.) † L 13.2: P 94/5
- 5603 Laws governing eligibility of women for jury service. [Dec. 1966.] cover title, 7 leaves, 4° ([WB 67-167.]) † L 13.2: J 97/3/966-2
- Leaflets. L 13.11: (nos.)
- 5604 10. Publications of Women's Bureau, currently available. Revised Oct. 1966. [1966.] 10 p. narrow 8° † ● Item 783
- 5605 37. Who are the working mothers? [with list of suggested references]. 1966. 4 p. 4° \* Paper, 10c. ● Item 783
- 5606 New horizons for North Dakota women, report of conference held in Bismarck, N. Dak., July 17-18, 1964, sponsored by North Dakota Governor's Commission on Status of Women, in cooperation with North Dakota Department of Labor, North Dakota State Employment Service, North Dakota Unemployment Compensation Division, Women's Bureau, U.S. Department of Labor. [1966.] vi+19 p. 4° † L 13.2: N 81d
- Pamphlet.
- 5607 10. Continuing education programs for women [with list of selected readings; prepared by Jean A. Wells]. Sept. 1966. vi+31 p. ll. [Supersedes Why continuing education programs for women? issued Dec. 1963, WB 64-154.] \* Paper, 20c. ● Item 783-A L 13.19: 10
- 5608 Report on conference on unions and changing status of women workers, held at Rutgers, State University, New Brunswick, N.J., Oct. 17, 1964. [1967.] [1]+vii+29 p. 4° [Conference sponsors: Labor Program, Institute of Management and Labor Relations, Rutgers, New Jersey labor unions, and Women's Bureau.] † L 13.2: Un 3/2
- 5609 Underutilization of women workers. Oct. 1966. cover title, [1]+25 p. ll. 4° ([WB 67-94.]) † ● Item 782 L 13.2: W 89/11
- 5610 Women workers in Pennsylvania [1960]. [Revised Dec. 1966.] [1966.] 14 p. 4° ([WB 67-174.]) † L 13.22: P 38/960-2

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- 5595 Neighborhood service centers [with list of references]; by Robert Perlman  
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 of Juvenile Delinquency and Youth Development.) \* Paper, 60c.  
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- 5596 Welfare in review, statistical supplement. 1966 edition. [1967.] cover  
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- 5597 Bibliography, mature women workers. Jan. 1967. [3] p. 4° ([WB 67-  
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